

# ELECTRONIC REPRESENTATIONS OF DESIGNS

## Country Code page

---

1. Please enter the two-letter country code corresponding to your Office or Organization. \*

## Questions page

---

[See glossary at the bottom of the page](#) for information about the terms used in this survey.

### PART 1 - FILING REQUIREMENT

This part of the questionnaire relates to the application requirements for the design representations.

### 2. Figures on type of filing and representation

Please supply statistics on the number of paper and electronic filings and the type of representation submitted.

	2015	2016	2017	Total
Paper filing	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Electronic filing	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

3. Figures on type of representation:

Please supply statistics on the type of representation submitted.

	2015	2016	2017	Total
2D views	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3D models	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Video	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Specimen	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hologram	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### 4. 2D image representations and limitations

Please tick or specify the design representations electronic files that are acceptable by your Office/Organization.

	Acceptable?	Minimum size (width x height in pixel)	Maximum size (width x height in pixel)	Indicate any other limitations or requirements
JPEG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TIFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PNG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GIF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PDF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SVG	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 5. 3D model representation and limitations

Please tick or specify the design representations electronic files that are acceptable by your Office/Organization.

	Acceptable?	Indicate any limitations or requirements
3D PDF	<input type="checkbox"/>	<input type="checkbox"/>
3DS	<input type="checkbox"/>	<input type="checkbox"/>
DWG	<input type="checkbox"/>	<input type="checkbox"/>
DWF	<input type="checkbox"/>	<input type="checkbox"/>
IGES	<input type="checkbox"/>	<input type="checkbox"/>
STL	<input type="checkbox"/>	<input type="checkbox"/>
X3D	<input type="checkbox"/>	<input type="checkbox"/>
OBJ	<input type="checkbox"/>	<input type="checkbox"/>
Other(specify)	<input type="checkbox"/>	<input type="checkbox"/>

6. Video representation and limitations

Please tick or specify the design representations electronic files that are acceptable by your Office/Organization.

	Acceptable?	Indicate any limitations or requirements
MP4	<input type="checkbox"/>	<input type="text"/>
Other(specify)	<input type="checkbox"/>	<input type="text"/>

## 7. File limitations

Please tick or specify the design representations electronic files that are acceptable by your Office/Organization.

- Accept images in color
- Accept images in grayscale
- Accept images in black/white
- Accept photographic images
- The maximum number of characters in an electronic file name is limited.  
(If yes, how many characters?):

\*

- The maximum size of an electronic file in MB:

\*

- The maximum size of the sum of all electronic files for one design in MB:

\*

- The maximum number of electronic files per design:

\*

- Allow one electronic file to represent more than one view.
- Allow one view to be split into more than one electronic file.
- Others limitations or requirements (specify)

\*

## 8. Paper format

Please tick or specify the design representations on paper that are acceptable by your Office/Organization.

- Minimum image size (specify width x height in cm)

\*

- Maximum image size (specify width x height in cm)

\*

- Allow more than one view on each page.

- Allow a view to be split into more than one page.

- Minimum paper size (specify width x height in cm)

\*

- Maximum paper size (specify width x height in cm)

\*

- URL for requirement details

\*

## 9. Capture of representation in paper and/or specimen

Please tick or specify the requirement at your Office/Organization to capture images into electronic files from images on paper and/or specimens submitted by the applicant.

No view image capture from paper

No view image capture from specimen

Resolution in DPI of capture (specify)

\*

The output image is black/white unless color is necessary.

The output image is always in color.

The output file format (e.g., JPEG, TIFF) is:

\*

The output image has the same legal authenticity as the original paper/specimen.

How many years is the original paper/specimen kept for an authentic record?

\*

The original paper/specimen is destroyed after quality assurance of the captured view images.



## 10. Capture 2D views from 3D-model or video

Please tick or specify the requirement at your Office/Organization to capture 2D views from 3D-models or videos submitted by the applicant.

- Not applicable
- No view image capture from 3D models
- No view image capture from videos
- Summary of the requirements and process for capture
- URL for details of the requirements and process for capture

## 11. Capture of hologram

Please tick or specify the requirement at your Office/Organization to capture view images into electronic files from holograms submitted by the applicant.

- Not applicable as no holograms are accepted
- No view image capture from holograms
- Summary of the requirements and process for capture
- URL for details of the requirements and process for capture

\*

\*

## 12. Image transformation

Please tick or specify the image transformations that your Office/Organization carries out for capture, processing or publication preparation.

- No transformations (defective images are rejected)
- Color corrections for scanned images
- White-space trimming (please specify the conditions)

\*

- Scaling and resizing (please specify the conditions)

\*

- File format conversions

\*

- Rasterizing vector images

- Other transformations

\*

## PART 2 – THIRD PARTY SUBMITTING DESIGN REPRESENTATIONS

This part of the questionnaire relates to the requirements for design representations from non-applicants (e.g., a third party submitting a prior art).

13. Does your Office/Organization have the same requirement for design representations from applicants and non-applicants?

- Not applicable, third party submissions are not accepted
- Yes, requirements are the same
- No, there are no specific requirements for non-applicants
- No, there are different requirements for non-applicants (specify)

\*

### PART 3 – PUBLICATION OF DESIGN REPRESENTATIONS

This part of the questionnaire relates to the publication requirements for design representations.

#### 14. Publication type

Please tick or specify the ways by which your Office/Organization publishes design representations.

- On-line publication for web browser access
- On-line publication for web service (API) access
- Data and image files available on a public repository (e.g., FTP)
- Paper publication
- Other (specify)

\*

## 15. 2D and 3D representation and limitations

Please tick or specify the requirements by which your Office/Organization publishes design representations on-line.

- Not applicable
- Only publish 2D view images
- Publish 3D models if available
- Publish video if available
- All 2D design representations are published in a single format (e.g., PDF) (specify)

\*

- 2D Design representations are published in multiple formats (e.g., PDF and JPEG) (specify)

\*

- The published design representations are exactly the same as what have been filed by the applicant.
- The published design representations may differ from what have has been filed by the applicant in file format (e.g., from JPEG to PDF).
- The published design representations may differ from what have been filed by the applicant in image size by pixels.
- The published design representations may differ from what have been filed by the applicant in quality (e.g., color to B/W conversion).
- Publish 2D image in JPEG
- Publish 2D image in TIFF
- Publish 2D image in PNG
- Publish 2D image in GIF
- Publish 2D image in SVG
- Publish 2D image in PDF
- Publish 2D image in other format(specify)

\*

- Minimum 2D raster image size (specify width x height in pixel) for publication

\*

- Maximum 2D raster image size (specify width x height in pixel) for publication

\*

- Publish 3D image (specify the format)

\*

- Publish Video (specify the format)

\*

- Publish black/white images unless color is necessary

- The maximum number of characters in an electronic file name is limited. (if yes, how many characters?):

\*

- The maximum size of an electronic file in MB:

\*

- The maximum size of the sum of all electronic files for one design in MB:

\*

- The maximum number of electronic files per design:

\*

- Allow one electronic file to represent more than one view.

- Allow one view to be split into more than one electronic file.

- Others (specify)

\*

## PART 4 – DISPLAY OF DESIGN REPRESENTATIONS ON SCREEN

This part of the questionnaire relates to the requirements for displaying design representations in your office's process of formality/substantive examination and administration of design applications and registrations.

16. Please tick or specify the ways by which your Office/Organization displays design representations for examination or administration purposes.

Electronic display

Paper printing

Others (specify)

\*

17. Please tick or specify the requirements by which your Office/Organization displays the design representations electronically.

Not applicable

2D design representations are converted into a single raster format (e.g., JPEG) for displaying (specify)

\*

2D design representations are converted into multiple raster formats (e.g., PNG and JPEG) (specify)

\*

The displayed design representations are exactly the same as what have been filed by the applicant.

The displayed design representations may differ from what have been filed by the applicant in file format (e.g., from JPEG to PNG).

The displayed design representations may differ from what have been filed by the applicant in image size by pixels.

The displayed design representations may differ from what have been filed by the applicant in quality (e.g., color to B/W conversion).

Minimum 2D image size (specify width x height in pixel)

\*

Maximum 2D image size (specify width x height in pixel)

\*

The minimum display bit depth is:

\*

The maximum display bit depth is:

\*

Minimum display resolution in PPI is:

\*

Maximum display resolution in PPI is:

\*

3D model (specify the format)

\*

Video (specify the format)

\*

Display black/white images unless color is necessary.

The maximum size of an electronic file in MB:

\*

The maximum size of the sum of all electronic files for one design in MB:

\*

The maximum number of electronic files per design:

\*

Allow one electronic file to represent more than one view.

Allow one view to be represented in more than one electronic file.

Other requirements (specify)

\*

## PART 5 – CERTIFICATE AND PRIORITY DOCUMENTS

This part of the questionnaire relates to the requirements for the document that evidences the recording of the design rights, such as a copy of the design application (priority document), certificate of registration, or a design patent.

18. Does your Office/Organization have the same requirement for displaying the images in the publication and in the document evidencing the recording of the design rights?

- Yes
- No (please specify the difference in requirements)

## PART 6 – INDEXATION AND SEARCH

This part of the questionnaire relates to the requirements for searching design representations in your office's process of formality/substantive examination and administration of design applications and registrations.



19. Please tick or specify the ways by which your Office/Organization searches the design representations.

- Metadata search
- Automated image search
- Combination of metadata and image search
- Others (specify)

\*

20. Please tick or specify the metadata used in your Office/Organization's image search system.

- Not applicable
- List of metadata used
- URL for more information on your image search system

\*

\*

## PART 7 – VIEW REQUIREMENTS

This part of the questionnaire relates to technical requirements for images submitted in design applications. It also covers type and number of views required to better specify the elements for protection.

## 21. What types of views does your Office allow as part of a design application submission?

See pages 5 to 8 of the document "[Convergence on graphic representations of designs](#)" from the EUIPO for explanations and examples of each type of view.

- Aspect views
- Views magnifying part of the design
- Alternate positions
- Exploded views
- Fully assembled view
- Partial views
- Sectional views
- Sequence of snapshots
- Combination of several means of visual representations
- Graphical symbols for conventional elements
- Article shown broken away
- Straight-line surface shading and stippling
- Other

Comments

22. What types of visual disclaimers does your Office allow as part of a design application submission?

See pages 2 to 4 of the document "[Convergence on graphic representations of designs](#)" from the EUIPO for explanations and examples of each type of visual disclaimer.

- Broken lines
- Blurring
- Color shading
- Boundaries
- Other

Comments

23. Does your Office provide a special provision for representing a part of a product?

- No special provision applies
- At least one view must present the whole product
- Other

Comments

24. Does your Office require an exemplary image to be selected?

- Yes, required that the applicant selects the exemplary image
- No
- Not required but selected by the Office, and:
  - by selecting the most representative image in the application
  - by selecting the first image or view in the application, and:
    - images are required in a special order
    - no special order is required

Comments

25. What is the minimum number of views your Office requires in a design application?

26. What is the maximum number of views your Office allows in a design application?

27. Does your office have any legislative requirements that prevents you from allowing any of the above types of representations in Part 7?

Yes

No

Comments

## GLOSSARY OF TERMS AND ACRONYMS

**2D/3D** - Two/three dimensional

**3D model** - An electronic file that is created by a specialized software, for mathematically representing the surface of an object in three dimensions

**3D PDF** - 3D models in PDF

**3DS** - A file format used by the Autodesk 3ds Max 3D modeling, animation and rendering software

**API** - Application programming interface

**DPI** - Dots per inch

**Design representation** - Any image on paper or in electronic files or a physical specimen for the purpose of visually representing the design

**DWF** - Design Web Format

**DWG** - A file format widely used for CAD drawings

**FTP** - File Transfer Protocol

**GIF** - Graphics Interchange Format

**Hologram** - A photographic recording of a light field, rather than of an image formed by a lens, and it is used to display a fully three-dimensional image of the holographed subject

**IGES** - Initial Graphics Exchange Specification

**Image search** - A method of search for designs by inputting one or more images

**JPEG** - Joint Photographic Experts Group (JPEG)

**Metadata search** - A method of search for designs by inputting metadata text

**MP4** - A digital multimedia container format most commonly used to store video and audio

**OBJ** - An open geometry vertex file format used for CAD and 3D printing

**PDF** - Portable Document Format

**PNG** - Portable Network Graphics

**PPI** - Pixels per inch

**Raster image** - An image that is composed of a map of points (pixels), referred to as a bitmap. Typical file formats for raster images include JPEG, TIFF, PNG and BMP.

**STL** - Standard Tessellation Language - a file format native to the stereolithography CAD software created by 3D Systems

**SVG** - Scalable Vector Graphics, an XML-based vector graphic format based on an open standard developed by the W3C.

**TIFF** - Tagged Image File Format

**URL** - Uniform Resource Locator

**Vector graphics** - An image file that is composed of shapes formed of mathematical formulas and coordinates on a 2D plane. As opposed to raster images, vector graphics have the property of scaling infinitely without any degradation of quality.

**View** - The 2D image formed when the design (normally a 3D object) is viewed or projected from a certain position, e.g., front view, rear view, perspective view

**X3D** - Successor of VRML, an Open ISO Standard XML format

## Review Page

---

You have reached the end of the survey questions. Your answers have been saved.

If you or your colleagues wish to revise your answers later, you can use the link that was originally emailed to you to return to this page. Then use the Review (or Back) button below to return to your answers.

You can also use the Save and Continue option at the top of the page to save your answers at any point.

When you are ready to submit your final answers, click the Submit button below. You will no longer be able to edit your responses after clicking Submit.

**You may download a copy of your answers:**

## Thank You!

---

Thank you for taking our survey. Your response is very important to us.