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 - an additional dissemination channel
- Promote patent awareness
- Stimulate innovation in SME's



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- 2 yr. of National publications
 - coming from EPO member states
- 2 yr. of EP & WO publications
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- 30+ yr. of “global” publications



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- Two distinct levels of data
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- In all national languages of the states of the European Patent Organisation
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Level I - National Publications

- Last 24 months of applications
 - minimum requirement
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- Text and images linked to Epodoc



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PCT
Other BE LU NL SE DE.Utility Models
- Abstr. / F. Text / First P. / Drawings
EP WO US GB DE FR CH



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- Other EPO states / 3.000.000 doc.
- Japan / 5.000.000 doc.
- Other states / 130.000 doc.



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- Publication number and date
- Application number and date
- Priority number and date
- Applicant name
- Inventor name
- IPC Class
- Text
 - Level I - National Language titles
 - Level II - English titles and abstracts



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- Result list - Document numbers and titles
- Bibliographic - All searchable elements
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- Images
 - Level I - Full document facsimile
 - Level II - First Page image, drawing pages (in future full document facsimile)



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Example of a search ...

A company constructs
chassis
for in line roller skates



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Search in European (EP) patents - Microsoft Internet Explorer

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- For general help select the HELP button from the navigation bar on the left

Publication Number	<input type="text"/>	EP847779
Application Number	<input type="text"/>	EP19970250074
Priority Number	<input type="text"/>	US19960760376
Publication Date	<input type="text"/>	19980617
Applicant	<input type="text"/>	Siemens
Inventor	<input type="text"/>	Rosemond
IPC Classification	<input type="text"/>	A63B23/04
Title	<input type="text" value="in line skate"/>	Exercise unit

Search Clear

**Example of search done at level I
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1 2

You looked for the following: in line skate in the title
39 matching documents were found. 1 - 20 displayed.
To see further result lists select a number from the JumpBar above.

Click on any of the Patent Numbers below to see the details of the patent.









Patent Number	Title
EP0795347	A skate structure, particularly for an in-line roller skate
EP0837721	IN-LINE SKATE WITH FULL ACCESS FRAME
EP0877644	IN-LINE SKATE FRAME
EP0774282	In-line roller skate with deformable chassis
EP0836520	ADJUSTABLE IN-LINE SKATE
EP0867207	A skate structure particularly for ice skates and in-line roller skates.
EP0873164	GLIDING EQUIPMENT, IN PARTICULAR IN-LINE ROLLER SKATE COMPRISING A HOLLOW BODY FRAME
EP0829284	In-line skate with removable shoe
EP0827762	Wheels for in-line rollerskates
EP0876835	Tool for a quick-release of a wheel axle of an in-line skate
EP0810009	An in-line roller skate
EP0752260	In-line roller skate with adjustable wheels
EP0754478	In-line roller skate having adjustable biasing angle for each individual wheel

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The Patent Office EP0795347 Bibliographic Data 1st Page Image Description Claims Drawing S.P.

Title: **A skate structure, particularly for an in-line roller skate**
Publication date: 1997-09-17

Inventor(s): NICOLETTI GRAZIANO (IT)
Applicant(s): BAUER ITALIA S P A (IT)
Requested Patent: EP0795347 A 19970917
Application Number: EP19970200468 19970218
Priority Number(s): IT1996PD00064 19960311
IPC Classification: A63C17/06

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Office européen des brevets (11) EP 0 795 347 A1

(12) EUROPEAN PATENT APPLICATION

(43) Date of publication: 17.09.1997 Bulletin 1997/38 (51) Int. Cl.⁵: A63C 17/06

(21) Application number: 97200468.3

(22) Date of filing: 18.02.1997

(84) Designated Contracting States: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE	(72) Inventor: Nicoletti, Graziano 31100 Treviso (IT)
(30) Priority: 11.03.1996 IT PD960064	(74) Representative: Cantaluppi, Stefano et al c/o JACOBACCI & PERANI S.p.A. Via Berchet, 9 35131 Padova (IT)
(71) Applicant: Bauer Italia S.p.A. 31044 Montebelluna (Treviso) (IT)	

(54) A skate structure, particularly for an in-line roller skate

(57) A skate structure comprises a wheel-support frame (1; 101) with two sides (8, 9; 108, 109) between which a plurality of wheels (11a-d) is supported, in which the sides are structurally independent of one another and of at least one block (3, 4; 103, 104), by means of which they are joined together and spaced apart to form the frame (1; 101).

FIG. 1

International Patent Classification

64.000 divisions

A63C Skates; Skis; Roller skates

17/00 Roller skates;..

17/04 . With rollers set
set otherwise than in two
pairs

17/06 . . Model in line



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Publication Number	<input type="text"/>	eg. FR273390
Application Number	<input type="text"/>	eg. FR950588
Priority Number	<input type="text"/>	eg. WO95US15925
Publication Date	<input type="text"/>	eg. 19970121
Applicant	<input type="text"/>	eg. Motorola
Inventor	<input type="text"/>	eg. Smith
IPC Classification	<input type="text" value="A63C17/06"/>	eg. H03M1/12
Title	<input type="text"/>	eg. Hair
Title or Abstract	<input type="text" value="chassis"/>	eg. Angstrom

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Example of search at level II in the “patent of the world” database

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You looked for the following: **(a63c17/06)<IPC> AND (chassis)<TITLE OR ABS>**
39 matching documents were found.

Patent Number	Title
CA2231351	SKATE CHASSIS HAVING A-FRAME CONSTRUCTION
US5823544	Anti-abrasion and rockering system for an in-line skate
US5810369	Skate chassis having A-frame construction
EP0862933	Inline skate chassis
US5762347	System for the lateral adjustment of the shoe and support for skates
AU3795997	In-line roller skate with improved chassis
US5735536	Skate and skate chassis and method of making and using the same
FR2753106	Roller skate with wheels in line and brake
WO9804325	ROLLER SKATE ATTACHMENT
WO9801194	SKATE CHASSIS HAVING A-FRAME CONSTRUCTION
EP0811403	Chassis for an in-line roller skate
EP0799630	Roller skate with wheels adjustable in height
FR2744926	Skate with wheels in line and ventilated boot
FR2744373	Roller blade
FR2743731	Roller skate brake
DE19603458	Boot for use while roller skating
EP0774283	Frame for skate and method for making same
EP0774282	In-line roller skate with deformable chassis
US5620190	In-line skate

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The Patent Office

US5735536 Bibliographic Data Description Claims 1st Page Image Drawing

Title: Skate and skate chassis and method of making and using the same

Patent Number: US5735536

Publication date: 1998-04-07

Inventor(s): MAERTZ RICHARD (US); MYERS ROBERT (US)

Applicant(s): MOTIV SPORTS INC (US)

Application Number: US950548331 19951101

Priority Number(s): US950548331 19951101; US950501627 19950712

IPC Classification: A63C1/26 ; A63C17/06 ; A63C17/18

Requested Patent: US5735536





Equivalent(s):

Abstract

A skate assembly has a skate chassis, a boot and a motive member such as rollers or an ice blade. The skate chassis having an elongated body, a heel member and a toe member. The body having concave portions which reduce torsional flex on the chassis. Raised ribs and channels of the body and the members are engaged so as to allow the members to slide longitudinally along the body. The boot can be mounted on the heel and the toe members, and the motive member can be attached to the chassis, thus forming a skate assembly. The toe member having a curving plate for preserving the shape of the boot. Moreover, the heel and toe members can be positioned at numerous distances from one another on the body, thus supporting different boot sizes and providing different positions for the boot on the body.

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US5735536 Bibliographic Data Description Claims 1st Page Image Drawing

Description

BACKGROUND OF THE INVENTION









1. Field of the Invention

The present invention relates to skate assemblies, components thereof, and methods of making and using the same and, in particular embodiments, to an in-line roller skate or an ice skate, with an adjustable chassis in relation to heel and toe members fixed to a boot.

2. Related Art

Skating (ice and roller) has become a popular recreational and professional activity in many countries. A typical skate assembly has a boot (defined as any suitable structure for receiving a skaters foot) supported on a skate chassis, and a motive member (such as a set of rollers or an ice blade) coupled to the chassis. Modern skaters place high demands on their skating equipment. Some skaters require high performance and precision skate designs. Others desire versatility, low maintenance and low cost. This has led to a variety of prior skate configurations designed to address at least some of these demands.

For performance and precision skating, the location of the skate, boot relative to the chassis and motive member can be important. For example, a boot mounted toward the front of the chassis will typically allow the skater to lean forward with better balance and control. However, a boot mounted toward the rear of the chassis will allow the skater to more easily skate backwards, such as is typically done by defensive hockey players or by skaters performing skating tricks. Typical skates have been constructed with the boot permanently mounted to the chassis, in a predetermined, fixed position relative the chassis. For example, skates designed for hockey (or other skating activities requiring the skater to have good balance and control while leaning forward) are typically constructed with the boot permanently mounted in a forward position on the chassis. On the other hand, skates designed for stunts, tricks or speed skating

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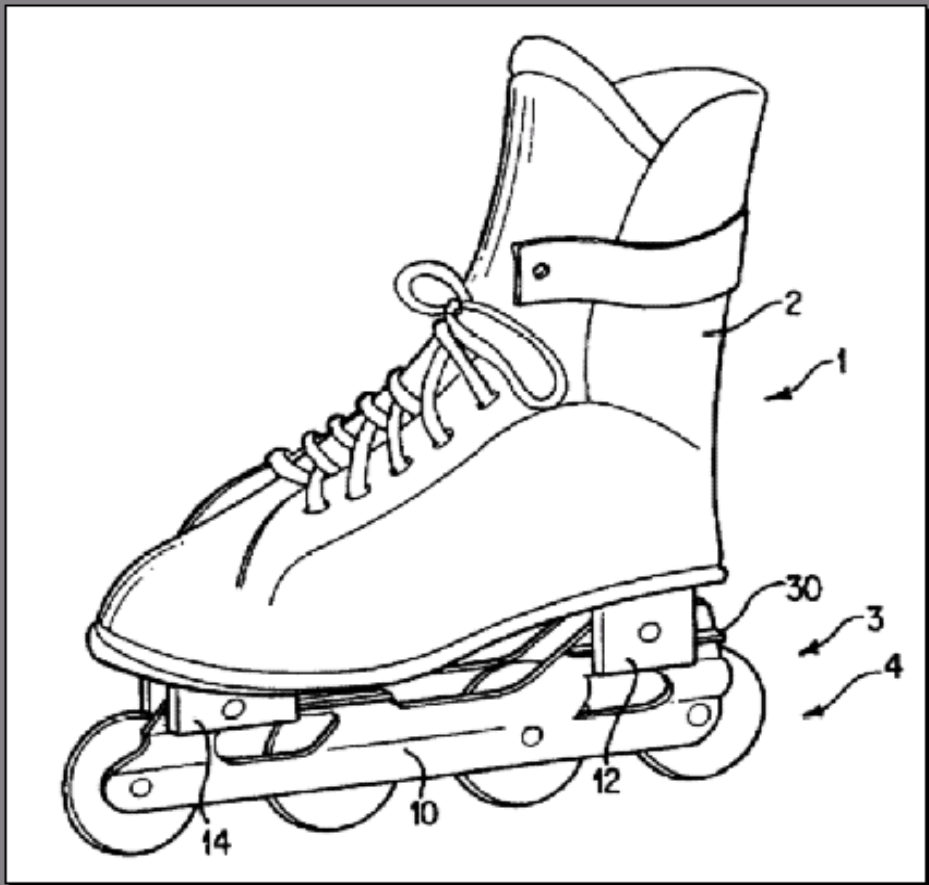
US5735536 Bibliographic Data Description **Claims** 1st Page Image Drawing

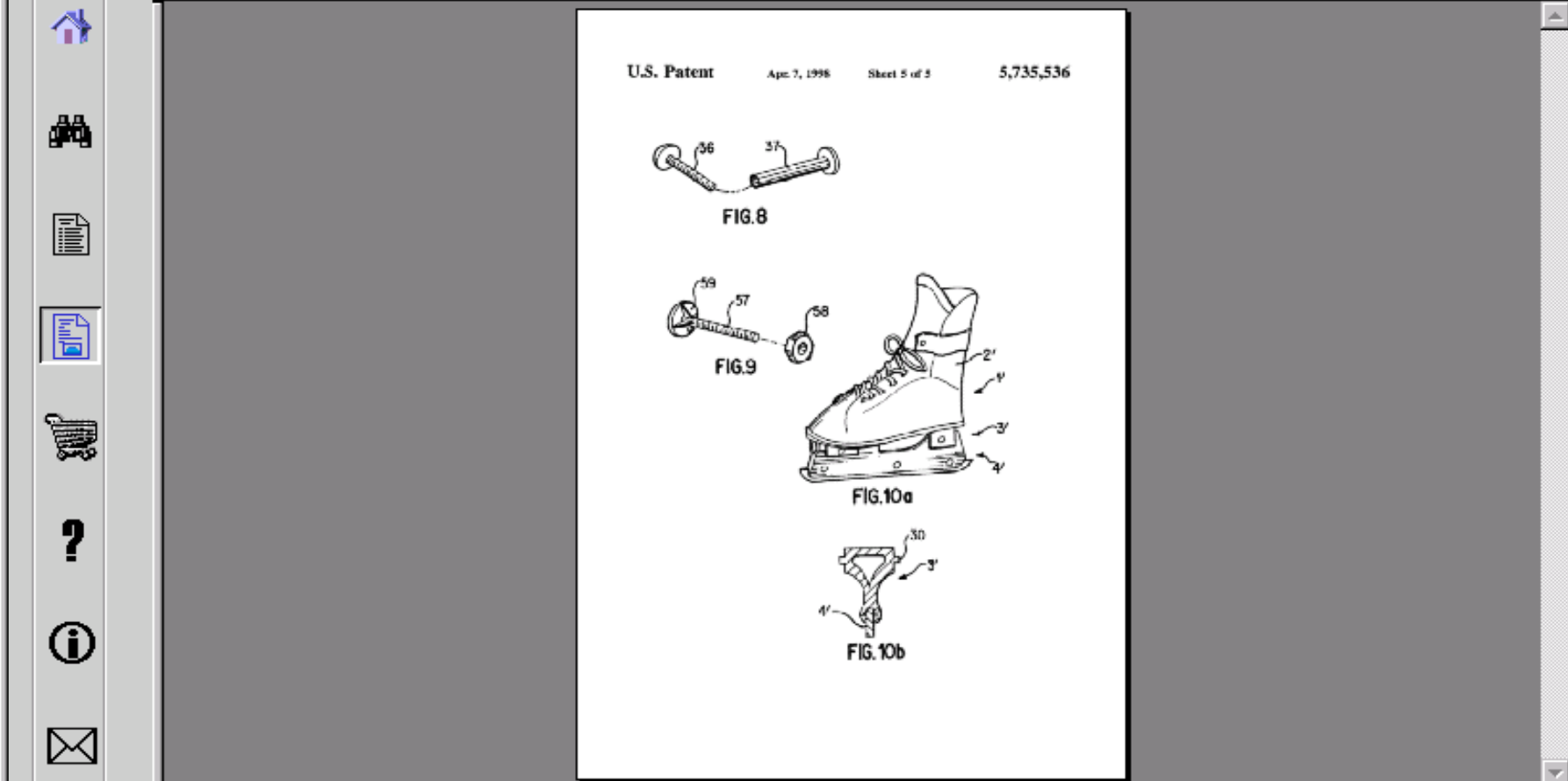
Claims

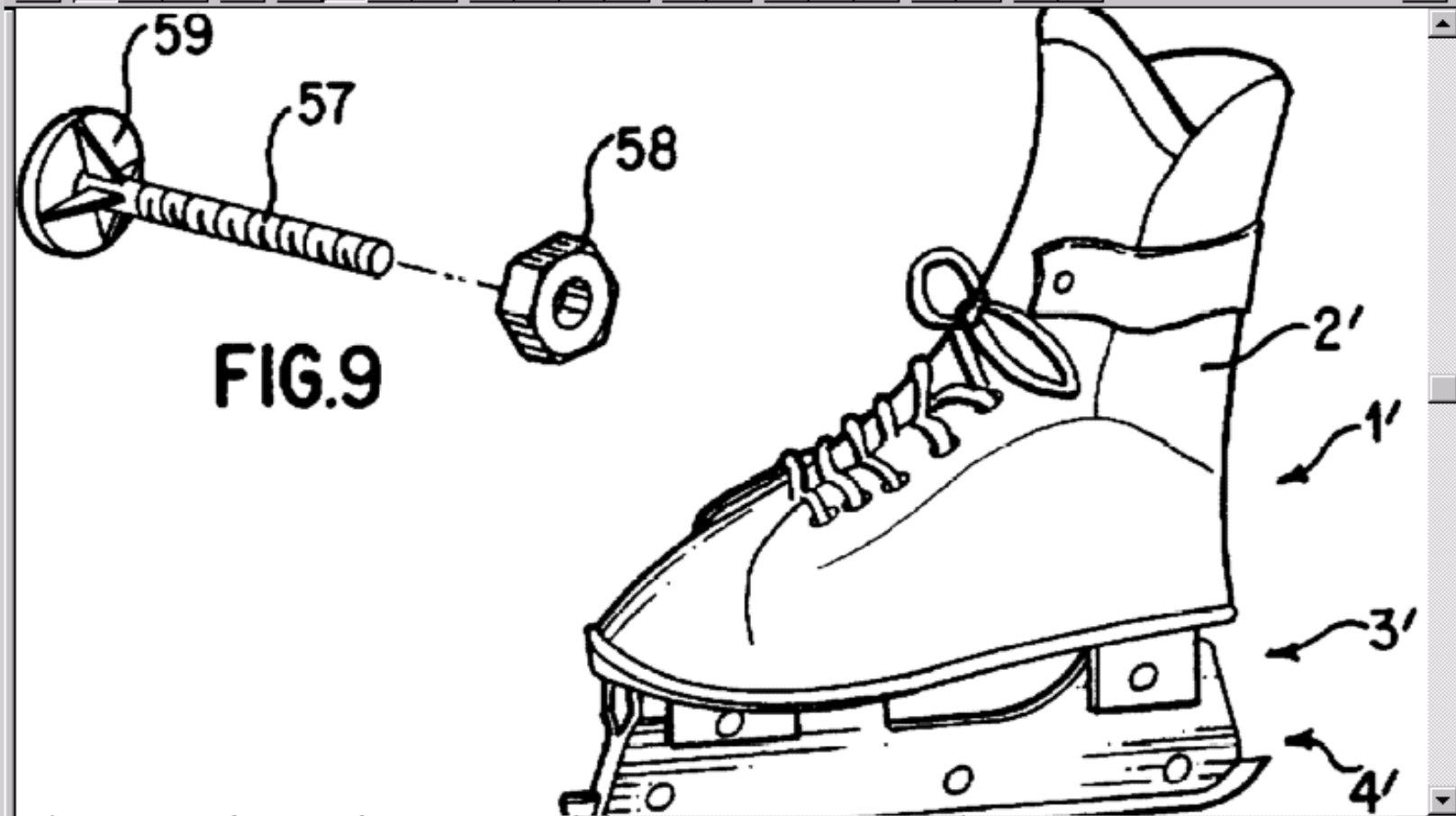
What is claimed is:

1. A skate chassis for supporting a motive member and a boot, the skate chassis comprising:
an elongated body having a first end, a second end, sidewalls with outer surfaces, and a motive end, the outer surfaces of the elongated body sidewalls having raised ribs, the motive end having securing means for securing the motive member;
a toe member for supporting the boot, the toe member having sidewalls with inner surfaces and outer surfaces, the inner surfaces of the toe member sidewalls each having a channel, wherein the inner surfaces of the toe member sidewalls each include an upper generally planar surface portion above the channel and a lower generally planar surface portion below the channel, the toe member sidewalls further having means for attaching to the elongated body;
a heel member for supporting the boot, the heel member having sidewalls with inner surfaces and outer surfaces, the inner surfaces of the heel member sidewalls each having a channel, wherein the inner surfaces of the heel member sidewalls each include an upper generally planar surface portion above the channel and a lower generally planar surface portion below the channel the heel member sidewalls further having means for attaching to the elongated body; and
wherein the channels of the toe member sidewalls engage the raised ribs of the elongated body sidewalls so as to allow the toe member to slide longitudinally along the elongated body, further the channels of the heel member sidewalls engage the raised ribs of the elongated body sidewalls so as to allow the heel member to slide longitudinally along the elongated body.
2. A skate assembly comprising a skate chassis of claim 1, wherein said motive member comprises a plurality of rollers, and wherein the skate chassis further having a hollow portion between the elongated body sidewalls for inserting the rollers therein, the securing means of the elongated body securing the rollers between the elongated body sidewalls.

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- Access to the European register



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Hyperlink with WIPO/IPDL

- After a selection in the IPDL database
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