

Title (en)

Wheel for rollerskates with outer strip

Title (de)

Rad für Rollschuhe mit äusseren Streifen

Title (fr)

Roue pour patin à roulettes munie d'une bande de roulement

Publication

**EP 0898992 A1 19990303 (FR)**

Application

**EP 98114264 A 19980730**

Priority

FR 9710984 A 19970828

Abstract (en)

The skate wheel is made with a tread (26) of an adhesive supple material and has a rigid reinforcing element (24) with one face (28) in contact with the tread's inner surface. The reinforcing element covers a substantial portion of the wheel's width opposite the thicker middle region of the tread, and a shock absorbing layer (22) is incorporated between the reinforcing element and the wheel hub (10). The tread is 2 - 5 mm thick, and can be made from rubber or a polymer, and produced by injection, gravity flow or vulcanization. The reinforcing element can be made from any material which is harder than the tread, e.g. of metal or a composition material, and the shock absorbing layer can be made from a polymer. The wheel hub can be made from a variety of materials, e.g. aluminum or a polymer, or a magnesium-titanium alloy, made by molding, injection, gravity flow, extrusion or stamping, forging or pressing in one piece or in a number of pieces joined by machining, crimping or adhesion.

Abstract (fr)

L'invention concerne une roue pour patin à roulettes. Elle comporte une bande de roulement (26) en une matière adhérente et souple renforcée au moins partiellement par une armature (24). De préférence, une couche d'amortissement (22) est disposée entre l'armature et la périphérie du moyeu (10) de la roue. La roue est à la fois rigide et légère. <IMAGE>

IPC 1-7

**A63C 17/22**

IPC 8 full level

**A63C 17/22** (2006.01)

CPC (source: EP)

**A63C 17/223** (2013.01)

Citation (search report)

- [A] GB 229745 A 19250223 - WALTER MILLER METCALF
- [A] DE 628872 C 19360417 - FRIEDRICH HERKENRATH BEN HUR R
- [A] US 2241685 A 19410513 - WARE ROBERT R
- [A] WO 9512497 A1 19950511 - WEAR AND TEAR INC [US], et al
- [A] WO 9717116 A1 19970515 - MRK HANDELS AG [CH], et al

Cited by

GB2369604A; WO2004060506A1; WO02094121A1

Designated contracting state (EPC)

AT CH DE IT LI NL

DOCDB simple family (publication)

**EP 0898992 A1 19990303**; FR 2767710 A1 19990305; FR 2767710 B1 19991022; TW 383230 B 20000301

DOCDB simple family (application)

**EP 98114264 A 19980730**; FR 9710984 A 19970828; TW 87113932 A 19980824