

Title (en)

Arrangement for supporting a wheel of a roller skate

Title (de)

Anordnung zur Unterstützung von Rollschuhrädern

Title (fr)

Arrangement de support d'une roue d'un patin à roulettes

Publication

EP 1208882 A3 20030528 (EN)

Application

EP 01127572 A 20011119

Priority

KR 20000032287 U 20001118

Abstract (en)

[origin: US2002060435A1] A structure for supporting a wheel of a roller skate which enables a wheel coupled to an outsole of a roller skate to be supported and retracted simply and reliably is disclosed. The structure includes a frame attached to an outsole of the roller skate, which has at its bottom wall recesses and protrusions; a swing plate pivotally coupled to the frame, which has a central hole; and a bracket for rotatably supporting a wheel, which has a throughhole and a top portion to be releasably fitted in the pair of fitting recesses of the frame, and which is rotatably coupled to the swing plate by a bolt threaded in the hole of the swing plate through the throughhole of the bracket. The bracket has a pair of arms extending downward which rotatably support the wheel therebetween, and a protrusion formed at the top portion thereof which is releasably fitted in the fitting recesses of the frame. The throughhole of the bracket is formed with a concentric counterbored portion receiving a coil spring therein.

IPC 1-7

A63C 17/20

IPC 8 full level

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CPC (source: EP KR US)

A63C 17/00 (2013.01 - KR); **A63C 17/008** (2013.01 - EP US); **A63C 17/20** (2013.01 - EP US)

Citation (search report)

- [A] US 6120039 A 20000919 - CLEMENTI FRED [US]
- [A] US 6065762 A 20000523 - BRELVI NAZIR A [US]
- [A] US 584089 A 18970608
- [A] US 2719724 A 19551004 - ROBERT LUNDGREN
- [A] EP 0375891 A1 19900704 - NEW TECHNOLOGIES SRL [IT]

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