

Title (en)

ROLLER SKATE OR SKATE BOARD WITH BRAKING DEVICE

Publication

EP 0039935 B1 19840808 (DE)

Application

EP 81103554 A 19810509

Priority

- DE 3017762 A 19800509
- DE 3041042 A 19801031

Abstract (en)

[origin: US4402520A] A roller skate has a truck supporting its rear-wheel axle on which a rearwardly extending rocker is swingable about a horizontal axis, the rear end of this rocker carrying a control roller while its front end engages or forms a pair of pressure elements disposed between the rear wheels. Normally, with all four wheels touching the ground, the control roller is elevated above the road surface; when, however, the front of the skate is lifted in a pivotal motion about the rear axle, this roller contacts the ground and causes the rocker to swing against a spring force whereby the pressure elements are cammed outward to engage the inner faces of the rear wheels for exerting a braking force thereon. The wheel faces may be clad with thin metal disks which coact with the pressure elements and which also form seats for wheel-supporting ball bearings.

IPC 1-7

A63C 17/14

IPC 8 full level

A63C 17/14 (2006.01)

CPC (source: EP US)

A63C 17/1445 (2013.01 - EP US); **A63C 17/01** (2013.01 - EP US)

Citation (examination)

- US 3945655 A 19760323 - BANKS MICHAEL H, et al
- WO 8200770 A1 19820318 - RUMO JEAN P

Cited by

US5118122A; EP0705626A3

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0039935 A1 19811118; EP 0039935 B1 19840808; US 4402520 A 19830906; US 4453726 A 19840612

DOCDB simple family (application)

EP 81103554 A 19810509; US 25067081 A 19810403; US 25067081 D 19810403