

Title (en)
In-line roller skate with an articulated frame

Title (de)
Einspuriger Rollschuh mit einem schwenkbarem Rahmen

Title (fr)
Patin à roues en ligne à châssis articulé

Publication
EP 0810010 A3 19991201 (FR)

Application
EP 97107431 A 19970506

Priority
FR 9606843 A 19960530

Abstract (en)
[origin: EP0810010A2] An in-line roller skate consists of a frame (5) with a boot sole plate (4), wheels (6) and a rear brake block (7). The rear brake block is brought into contact with the ground by raising the front end of the skate. The frame is made in two sections, a main section (5A) with the sole plate, at least one front wheel and the rear brake block, and a second section (5B) which is pivoted to the first between its front wheels and the brake block. The second section carries at least two rear wheels (6B) which remain in contact with the ground when the forward end of the skate is lifted to brake it. The angular movement of the first section (5A) of the frame relative to the second is limited by a stop (8) on the first section which makes contact with a corresponding part (9) of the second when all the wheels are on the ground. The two sections of the frame also have a return spring (10) connecting them at a point to the rear of their pivot (11).

IPC 1-7
A63C 17/14

IPC 8 full level
A63C 17/14 (2006.01)

CPC (source: EP)
A63C 17/062 (2013.01); **A63C 17/1436** (2013.01)

Citation (search report)
• [A] EP 0414522 A1 19910227 - ROLLERBLADE INC [US]
• [A] US 5342071 A 19940830 - SOO MIKE [TW]
• [A] US 5135244 A 19920804 - ALLISON WILLIAM D [US]

Cited by
US8398093B2; WO9964126A1

Designated contracting state (EPC)
AT CH DE FR IT LI NL

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EP 0810010 A2 19971203; EP 0810010 A3 19991201; CA 2204834 A1 19971130; FR 2749184 A1 19971205; FR 2749184 B1 19980904

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