

Title (en)  
IN-LINE ROLLER SKATE

Title (de)  
IN-LINE ROLLSCHUH

Title (fr)  
PATIN A ROULETTES ALIGNEES EN UNE SEULE VOIE

Publication  
**EP 0710141 A1 19960508 (EN)**

Application  
**EP 94923975 A 19940719**

Priority

- US 9408155 W 19940719
- US 9457693 A 19930719
- US 10074593 A 19930802
- US 12062993 A 19930913
- US 17930294 A 19940110
- US 18896194 A 19940126

Abstract (en)  
[origin: WO9503101A1] An in-line roller skate (21) incorporating a soft, breathable upper (22) and exoskeletal support structure is disclosed. The skate includes multiple in-line wheels (35) secured to a frame (31). The frame is attached to a base (39). In one disclosed embodiment the frame is integrally molded with the base. In another embodiment, the frame is adjustably attached and may be moved both laterally and longitudinally with respect to the base. A hook-and-peg (237, 238) alignment means for accurately securing the frame to the base is also provided. A toecap (24) and heel counter (41) project upwardly from the base and help support the upper. A cuff (23) is pivotally attached to the heel counter and includes a strap (228) for tightening the cuff around the leg of the skater. A speed control device (33) is also disclosed that includes a friction plate (61) to contact the wheels in response to movement of a lever (59).

IPC 1-7  
**A63C 17/06**

IPC 8 full level  
**A43B 5/04** (2006.01); **A43B 5/16** (2006.01); **A63C 9/00** (2006.01); **A63C 9/086** (2006.01); **A63C 17/06** (2006.01); **A63C 17/14** (2006.01)

CPC (source: EP)  
**A43B 5/0401** (2013.01); **A43B 5/0466** (2013.01); **A43B 5/1625** (2013.01); **A43B 5/165** (2013.01); **A43B 5/1691** (2013.01); **A43B 7/28** (2013.01); **A63C 17/06** (2013.01); **A63C 17/1409** (2013.01)

Citation (third parties)  
Third party :

- CA 2071806 A1 19930715 - JOHNSON ROBERT K [US], et al
- US 3807062 A 19740430 - SPIER I
- US 4826183 A 19890502 - BRATLAND JAN [NO], et al
- US 4964229 A 19901023 - LABERGE RAYMOND [CA]
- US 4058324 A 19771115 - DALLAIRE LUCIEN
- US 5046748 A 19910910 - OAT-JUDGE PATRICIA C [US]
- NL 8700023 A 19880418 - WINTERSPORT LEERDAM B V
- NL 8004718 A 19820316 - KRIENBUEHL FRANZ
- "Avertisement of Reliable Racing Supply Inc.", SILENT SPORT, November 1991 (1991-11-01)
- MODEL ATX 76 shown in the 1991/92 catalogue by ARTEX
- MODEL NNN 580 of the 1990/91 catalogue by ALPINA
- MODEL SR 811 of the 1991/92 catalogue by SALOMON
- MODEL BC 3000 of the 1991/92 catalogue by ALPINA

Cited by  
WO2004008899A1; US8398093B2

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

DOCDB simple family (publication)  
**WO 9503101 A1 19950202**; AT E182277 T1 19990815; AU 7400494 A 19950220; CN 1106872 C 20030430; CN 1128499 A 19960807; DE 69419612 D1 19990826; DE 69419612 T2 20000504; DE 710141 T1 19961010; EP 0710141 A1 19960508; EP 0710141 A4 19960911; EP 0710141 B1 19990721; JP H09500306 A 19970114

DOCDB simple family (application)  
**US 9408155 W 19940719**; AT 94923975 T 19940719; AU 7400494 A 19940719; CN 94192815 A 19940719; DE 69419612 T 19940719; DE 94923975 T 19940719; EP 94923975 A 19940719; JP 50527695 A 19940719