

Title (en)
Roller skates with dual functions

Title (de)
Doppelfunktions-Rollschuhe

Title (fr)
Patins à roulettes à double fonction

Publication
EP 1088571 A1 20010404 (EN)

Application
EP 99650084 A 19990921

Priority

- EP 99650084 A 19990921
- CA 2295426 A 20000106
- HU P9903993 A 19991101

Abstract (en)
A pair of roller skates (10) with dual functions comprises two shoe bodies with a bottom sole (11) respectively, four roller units (20) attaching on each of the two shoe bodies respectively, and two fixing shafts (30) for supporting said four roller units respectively. Two transverse hollow bars (13) are attached in the bottom sole at both end parts thereof respectively. Each roller unit is provided with a bearing (23) at the center thereof and a journal (22) in the middle of the bearing. Each fixing shaft has a large head part (31) at one end thereof and a locking device (34) at the other end thereof. Each shaft passes through each hollow bar to locate a roller unit at the large head part and to be biased against a spring (40). Another one of the roller units is located at the locking device and secured by the locking device. <IMAGE>

IPC 1-7
A63C 17/20

CPC (source: EP)
A63C 17/20 (2013.01)

Citation (search report)

- [A] US 5511824 A 19960430 - KIM YONG E [KR]
- [A] US 3306623 A 19670228 - WEITZNER DOROTHEA M

Cited by
GB2411363A; WO2005044405A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1088571 A1 20010404; EP 1088571 B1 20011128; AT E209523 T1 20011215; CA 2295426 A1 20010706; DE 69900509 D1 20020110; HU 9903993 D0 20000128; HU P9903993 A2 20010628

DOCDB simple family (application)
EP 99650084 A 19990921; AT 99650084 T 19990921; CA 2295426 A 20000106; DE 69900509 T 19990921; HU P9903993 A 19991101