

Title (en)
ROLLER SKATE COMPRISING A CURVED DAMPING ELEMENT

Title (de)
ROLLSCHUH MIT BOGENFÖRMIGEM DÄMPFUNGSELEMENT

Title (fr)
PATIN À ROULETTES COMPORTANT UN ÉLÉMENT D'AMORTISSEMENT EN FORME D'ARC

Publication
EP 2073906 B1 20111026 (DE)

Application
EP 07725672 A 20070530

Priority
• EP 2007004782 W 20070530
• DE 102006025467 A 20060530

Abstract (en)
[origin: WO2007137834A1] The invention relates to a roller skate, especially an inline roller skate. Said roller skate comprises at least one front and at least one rear roller (10a, 10d), provided with bearings (12), a roller support (16), a shoe fastening section (46) and a damping device (18), interposed between the shoe fastening section (46) and the bearings (12). Said damping device (18) has a single curved damping element (20), extending in the longitudinal direction (L) of the shoe, or a plurality of curved damping elements (20), which extend in parallel when viewed from the longitudinal direction (L) of the shoe, said damping element(s) being mounted in a central position on the roller skate when viewed from the side. The curved damping element (20), when subjected to a vertical force, is elastically deformed while assuming a different curve shape.

IPC 8 full level
A63C 17/06 (2006.01); **A63C 17/02** (2006.01); **A63C 17/26** (2006.01)

CPC (source: EP)
A63C 17/0046 (2013.01); **A63C 17/02** (2013.01); **A63C 17/062** (2013.01); **A63C 17/065** (2013.01); **A63C 17/26** (2013.01)

Cited by
FR3121965A1; WO2022223899A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007137834 A1 20071206; AT E530232 T1 20111115; DE 202007019354 U1 20111215; EP 2073906 A1 20090701; EP 2073906 B1 20111026

DOCDB simple family (application)
EP 2007004782 W 20070530; AT 07725672 T 20070530; DE 202007019354 U 20070530; EP 07725672 A 20070530