

Title (en)

STEERING DEVICE FOR SPORTS ARTICLES PROVIDED WITH SUPPORTING AND SLIDING ELEMENTS IN AN IN-LINE ARRANGEMENT

Title (de)

LENKVORRICHTUNG FÜR SPORTARTIKEL MIT STÜTZ- UND GLEITELEMENTEN IN EINER INLINE-ANORDNUNG

Title (fr)

DISPOSITIF DE DIRECTION POUR ARTICLES DE SPORT POURVUS D'ELEMENTS DE SUPPORT ET DE GLISSEMENT DISPOSES EN LIGNE

Publication

EP 1675661 B1 20090624 (EN)

Application

EP 04741524 A 20040506

Priority

- EP 2004050727 W 20040506
- IT PN20030076 A 20031020

Abstract (en)

[origin: WO2005039710A1] The present invention refers to a steering device for sports articles (1) adapted to slide on a supporting surface (2) by means of a plurality of supporting and sliding elements (3) provided in an in-line arrangement; the steering device comprises a chassis (5), to which there is associated at least a carriage 6a adapted to swing relative to said chassis (5), against the force of elastic means (17, 18), about an axis (7) that is inclined by an angle (x with respect to said supporting surface (2) and lies substantially on the median longitudinal plane (4) of the chassis (5). The carriage (6)a is adapted to support at least two supporting and sliding elements (3) in a manner that the respective support axes (25, 26) come to lie substantially parallel to said supporting surface (2) on opposite sides with respect to the pivoting, i.e. swinging centre (27) of said carriage 6a relative to said chassis (5).

IPC 8 full level

A63C 17/06 (2006.01)

CPC (source: EP KR US)

A63C 17/006 (2013.01 - EP US); **A63C 17/0093** (2013.01 - EP US); **A63C 17/04** (2013.01 - KR); **A63C 17/06** (2013.01 - KR); **A63C 17/062** (2013.01 - EP US); **A63C 17/064** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005039710 A1 20050506; AT E434471 T1 20090715; CN 1871050 A 20061129; DE 602004021710 D1 20090806; EP 1675661 A1 20060705; EP 1675661 B1 20090624; IT PN20030076 A1 20050421; KR 20060096010 A 20060905; US 2007205569 A1 20070906

DOCDB simple family (application)

EP 2004050727 W 20040506; AT 04741524 T 20040506; CN 200480030807 A 20040506; DE 602004021710 T 20040506; EP 04741524 A 20040506; IT PN20030076 A 20031020; KR 20067006503 A 20060404; US 57359404 A 20040506