

Title (en)
FOOTWEAR ARTICLE WITH LIMITED ROTATIONAL MOVEMENT AND DAMPED END OF COURSE

Title (de)
FUSSBEKLEIDUNGSARTIKEL MIT BESCHRÄNKTER DREHBEWEGUNG UND ENDDÄMPFUNG

Title (fr)
ARTICLE CHAUSSANT A MOUVEMENT DE ROTATION LIMITE ET AMORTI EN FIN DE COURSE

Publication
EP 1641363 A1 20060405 (FR)

Application
EP 04767389 A 20040618

Priority
• FR 2004001532 W 20040618
• FR 0308415 A 20030709

Abstract (en)
[origin: US2006168849A1] A footwear article (1), for practicing a sport, in particular, motorcycling, includes a rigid body (2), for housing the foot of a user, running in an extension direction (8), a rigid upper (4), for housing the leg of a user and running essentially in an elevation direction (10), a joint (6), permitting the rotation of the upper with relation to the body in a transverse direction (12), stop elements for limiting the rotation of the upper (4) with relation to the body (2) in the transverse direction (12) within a range of rotation limits over 50 to 70 degrees, damping elements (14), generating a torque which opposes the approach of the first and second stop elements, the damping elements having an inactive state when the upper and the body move relative to each other within a normal rotation range of 30 to 50 degrees.

IPC 1-7
A43B 7/20

IPC 8 full level
A43B 5/04 (2006.01); **A43B 7/20** (2006.01)

CPC (source: EP US)
A43B 5/0405 (2013.01 - EP US); **A43B 5/046** (2013.01 - EP US); **A43B 5/145** (2013.01 - EP US); **A43B 7/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2005013744A1

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)
US 2006168849 A1 20060803; US 7913426 B2 20110329; AT E383091 T1 20080115; DE 602004011225 D1 20080221;
DE 602004011225 T2 20090115; DK 1641363 T3 20080526; EP 1641363 A1 20060405; EP 1641363 B1 20080109; ES 2299865 T3 20080601;
FR 2857233 A1 20050114; FR 2857233 B1 20060303; PT 1641363 E 20080421; WO 2005013744 A1 20050217

DOCDB simple family (application)
US 56243305 A 20051228; AT 04767389 T 20040618; DE 602004011225 T 20040618; DK 04767389 T 20040618; EP 04767389 A 20040618;
ES 04767389 T 20040618; FR 0308415 A 20030709; FR 2004001532 W 20040618; PT 04767389 T 20040618