

Title (en)
INSOLE AND USE OF THE SAME FOR PRODUCING A SHOE

Title (de)
BRANDSOHLE UND VERWENDUNG DERSELBEN ZUR HERSTELLUNG EINES SCHUHS

Title (fr)
SEMELLE INTERIEURE ET SON UTILISATION DANS LA FABRICATION D'UNE CHAUSSURE

Publication
EP 1189527 A1 20020327 (DE)

Application
EP 01919380 A 20010309

Priority
• DE 10015240 A 20000328
• EP 0102715 W 20010309

Abstract (en)
[origin: US2002162246A1] The invention relates to an insole which comprises the following: a supporting sole (2), whose lateral limit (3) (supporting sole limit), corresponds at least in the front foot region to the actual outline of the insole; a bowl-shaped edge (4) (bowl edge) which curves upwards and consists of a supple, flexible material in contrast to the material of the supporting sole. Said edge is provided at least in the front foot region, extends laterally beyond the supporting sole limit (3) and is connected in a fixed manner to the supporting sole; a reinforcement (5), provided at least in the front foot region towards the front of the supporting sole (2), the lateral limit (6) (reinforcement limit) of said reinforcement being offset in relation to the supporting sole limit (3) towards the interior of the sole, in such a way that a cavity (7) for the lasting fold is formed on the underside of the insole, between the supporting sole limit (3) and the reinforcement limit (6); and one or several elements, provided at least in the front foot region, for transversally reinforcing and/or improving the longitudinal flexibility of the supporting sole (2) and/or the reinforcement (5).

IPC 1-7
A47B 13/12; **A43B 13/38**; **A43B 13/14**

IPC 8 full level
A43B 13/12 (2006.01); **A43B 13/38** (2006.01); **A43B 17/00** (2006.01)

CPC (source: EP US)
A43B 7/141 (2013.01 - EP US); **A43B 13/12** (2013.01 - EP US); **A43B 13/38** (2013.01 - EP US); **A43B 17/00** (2013.01 - EP US)

Citation (search report)
See references of WO 0172172A1

Cited by
DE202013003797U1; DE102013006962A1; WO2014174367A1

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

DOCDB simple family (publication)
US 2002162246 A1 20021107; **US 6625906 B2 20030930**; AT E251397 T1 20031015; EP 1189527 A1 20020327; EP 1189527 B1 20031008; ES 2207610 T3 20040601; HK 1041424 A1 20020712; HK 1041424 B 20040121; JP 2003527910 A 20030924; JP 3673758 B2 20050720; WO 0172172 A1 20011004

DOCDB simple family (application)
US 98006901 A 20011128; AT 01919380 T 20010309; EP 0102715 W 20010309; EP 01919380 A 20010309; ES 01919380 T 20010309; HK 02102650 A 20020409; JP 2001570139 A 20010309