

Title (en)

MOULDED PLASTIC INSOLE, WITH NUMEROUS AIR CUSHIONS WITHIN THE CELLS OF A NET BEARING STRUCTURE

Publication

EP 0464000 A3 19920212 (EN)

Application

EP 91830042 A 19910212

Priority

IT 54590 U 19900518

Abstract (en)

[origin: EP0464000A2] This invention concerns an insole, moulded in plastic material, with numerous air cushions within the cells of a netted bearing structure covered at the top with one or more sheets, also moulded in plastic material, which have many convex pads on their upper surface, these being dimensioned, shaped and distributed in such a way that they are positioned exactly in the centre of the cells of the underlying netted structure.
<IMAGE>

IPC 1-7

A43B 13/38

IPC 8 full level

A43B 13/40 (2006.01); **A43B 17/03** (2006.01)

CPC (source: EP)

A43B 1/0009 (2013.01); **A43B 7/142** (2013.01); **A43B 7/1425** (2013.01); **A43B 7/1435** (2013.01); **A43B 7/144** (2013.01); **A43B 7/1445** (2013.01);
A43B 7/145 (2013.01); **A43B 13/40** (2013.01); **A43B 17/03** (2013.01)

Citation (search report)

- [Y] DE 3610849 A1 19871008 - NITSCHMANN KARL
- [Y] US 4897937 A 19900206 - MISEVICH KENNETH W [US], et al
- [Y] US 4485568 A 19841204 - LANDI CURTIS L [US], et al
- [A] US 4674203 A 19870623 - GOELLER GERD [DE]
- [A] US 2102669 A 19371221 - BARIEAU JEROME E

Cited by

EP1660006A4; CN112384177A; US11350699B2; JP2007528259A; GB2426179A; GB2426427A; GB2426427B; AU2005220142B2;
KR101238618B1; WO2020010282A3; WO02102180A1; US7250033B2; US7850628B2; WO2005084476A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0464000 A2 19920102; EP 0464000 A3 19920212; EP 0464000 B1 19960515; AT E137921 T1 19960615; DE 69119482 D1 19960620;
DE 69119482 T2 19961219; ES 2089173 T3 19961001; IT 223878 Z2 19951003; IT 9000545 U1 19911119; IT 9000545 V0 19900518

DOCDB simple family (application)

EP 91830042 A 19910212; AT 91830042 T 19910212; DE 69119482 T 19910212; ES 91830042 T 19910212; IT 54590 U 19900518