

Title (en)
A sole of a shoe with insert

Title (de)
Einlage für Schuhsohle

Title (fr)
Insert pour semelle de chaussure

Publication
EP 1417901 A1 20040512 (EN)

Application
EP 03003323 A 20030213

Priority
IT TO20020962 A 20021108

Abstract (en)
Described herein is a sole (2) of a shoe, of the type made of polyurethane material via injection moulding or casting, the said sole being provided with at least one insert made of rubber, preferably of a cylindrical shape, with a circumferential groove (7) having a preferably semi-circular cross section. The insert is set in such a position that at least one (5) of the two faces is external to the sole (2) and is designed to come into contact with the ground. <IMAGE>

IPC 1-7
A43B 13/18; **A43B 13/24**; **A43B 13/16**; **A43B 7/08**

IPC 8 full level
A43B 7/08 (2006.01); **A43B 13/16** (2006.01); **A43B 13/18** (2006.01); **A43B 13/24** (2006.01)

CPC (source: EP)
A43B 7/08 (2013.01); **A43B 7/1425** (2013.01); **A43B 7/144** (2013.01); **A43B 13/16** (2013.01); **A43B 13/186** (2013.01); **A43B 13/188** (2013.01); **A43B 13/24** (2013.01)

Citation (search report)
• [XY] US 5657556 A 19970819 - BEMIS JON L [ID]
• [Y] DE 3134339 C1 19830310 - SCHMOHL MICHAEL WOLFGANG DIPL
• [X] US 2378028 A 19450612 - NIMRICK HAROLD C
• [X] FR 679368 A 19300411
• [X] DE 2161573 A1 19730614 - UHL SPORTARTIKEL KARL
• [A] US 6389711 B1 20020521 - POLEGATO MARIO [IT]
• [A] US 4118878 A 19781010 - SEMON WILLIAM P
• [A] GB 204623 A 19231004 - SYDNEY SMITH POTTER

Cited by
EP1882421A3; IT201700089835A1; AU2008237540B2; ES2384143A1; EP2057913A1; WO2007104525A1; US7954257B2; US10856610B2; US11478043B2

DOCDB simple family (publication)
EP 1417901 A1 20040512; IT TO20020962 A1 20040509

DOCDB simple family (application)
EP 03003323 A 20030213; IT TO20020962 A 20021108