

Title (en)
SHOE SOLE CONSTRUCTION

Title (de)
SCHUHSOHLENAUFBAU

Title (fr)
STRUCTURE POUR SEMELLE DE CHAUSSURE

Publication
EP 0633737 B1 20011128 (EN)

Application
EP 93908218 A 19930323

Priority
• SE 9300239 W 19930323
• SE 9200881 A 19920323

Abstract (en)
[origin: WO9318677A1] In a shoe sole (2) comprising a first chamber (6) and a second chamber (7), which chambers are completely or partially filled with a fluid (10), and a channel (11) interconnecting said chambers (6, 7), by means of which channel the fluid (10) upon compression of one of the chambers (6 or 7) may be transferred to the other one of said chambers to expand said other chamber, the first chamber (6) is positioned so as to extend essentially only underneath the heel portion (8) of the foot (5) whereas the second chamber (7) is positioned so as to extend essentially only underneath the longitudinal arch (9) of the foot (5). Upon expansion of the second chamber (7) due to the compression of the first chamber (6) when affected by the heel portion (8), said second chamber forms a dynamic pronation support underneath the longitudinal arch (9). When this arch bears a weight thereon, it causes the second chamber (7) to be compressed.

IPC 1-7
A43B 13/18

IPC 8 full level
A43B 13/20 (2006.01)

CPC (source: EP)
A43B 13/203 (2013.01); **A43B 17/035** (2013.01)

Citation (examination)
• EP 0060353 A1 19820922 - FLUMATIC SRL [IT]
• DE 2634701 A1 19780209 - FRINGS WALTER

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