

Title (en)
Sports shoe with raised patterns in foam

Title (de)
Sportschuhe mit Reliefschaum

Title (fr)
Chaussure de sport à mousse à reliefs

Publication
EP 2042050 A1 20090401 (FR)

Application
EP 07425591 A 20070926

Priority
EP 07425591 A 20070926

Abstract (en)
The element has an open cell polyurethane foam layer (2) with zones (3 - 5) having different thickness and densities, where the foam layer is monolithic. The foam layer has a decoration formed through one of the two zones (4, 5). The foam layer is provided between external and internal tissue layers (15, 16). The zone (3) has rigidity higher than rigidity of other zones (4, 5). An independent claim is also included for a method for manufacturing a comfort element for a part of a sport shoe.

Abstract (fr)
Élément de confort pour chaussure de sport, comprenant au moins une couche de mousse (2, 2') à cellules ouvertes caractérisé en ce que la au moins une couche de mousse (2, 2') comprend au moins trois zones (3, 4, 5 ; 3', 4', 5') d'épaisseurs différentes et de densités différentes.

IPC 8 full level
A43B 5/04 (2006.01); **A43B 19/00** (2006.01); **A43B 23/26** (2006.01)

CPC (source: EP)
A43B 5/0405 (2013.01); **A43B 5/0496** (2013.01); **A43B 19/00** (2013.01); **A43B 23/26** (2013.01)

Citation (applicant)
• EP 0370948 A1 19900530 - LANGE INT SA [CH]
• FR 2644044 A1 19900914 - RECTICEL SA [FR]

Citation (search report)
• [X] FR 2701360 A1 19940819 - KOEFLACH SPORTGERAETE GMBH [AT]
• [DA] FR 2644044 A1 19900914 - RECTICEL SA [FR]
• [A] US 4385456 A 19830531 - LIVERNOIS JEAN [CA], et al
• [A] FR 1484844 A 19670616 - BASF AG
• [A] US 3787278 A 19740122 - READY W, et al

Cited by
EP3050454A1; EP3884801A1; FR3108242A1; US9468261B2; US9474324B2; US10292456B2; US10905198B2; US10244816B2

Designated contracting state (EPC)
DE FR IT

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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