

Title (en)

Sole for sportsshoe

Title (de)

Sohle für Sportschuh

Title (fr)

Semelle de chaussure de sport

Publication

EP 0913102 B1 20040107 (FR)

Application

EP 98116924 A 19980908

Priority

FR 9713749 A 19971029

Abstract (en)

[origin: EP0913102A1] Shoe sole has on its lower face transverse connection spindles (10,20) set back relative to each other in longitudinal direction of shoe. First connection (10) is placed at the front end and second connection is placed behind it, in front of the metatarsophalanien articulation zone.

IPC 1-7

A43B 5/04; **A63C 9/20**

IPC 8 full level

A43B 13/14 (2006.01); **A43B 5/00** (2006.01); **A43B 5/04** (2006.01); **A63C 9/20** (2012.01)

CPC (source: EP)

A43B 5/0411 (2013.01); **A63C 9/20** (2013.01)

Citation (examination)

WO 9409660 A1 19940511 - ROSSIGNOL SA [FR], et al

Cited by

US7967324B2; EP1762282A1; US7661695B2; FR2865660A1; EP1559456A1; EP1388356A1; FR2843310A1; EP1935461A1; US7909352B2; EP1488831A1; US7111865B2; US7264264B2; EP1702658A1; US7832754B2; EP4292681A1; FR3136383A1; WO2004089481A2; EP3785772A1; FR3100136A1; EP3708230A1; FR3093648A1

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DOCDB simple family (publication)

EP 0913102 A1 19990506; **EP 0913102 B1 20040107**; AT E257336 T1 20040115; DE 69820962 D1 20040212; DE 69820962 T2 20041209; FR 2770096 A1 19990430; FR 2770096 B1 19991217; NO 313484 B1 20021014; NO 984932 D0 19981023; NO 984932 L 19990430; RU 2205579 C2 20030610

DOCDB simple family (application)

EP 98116924 A 19980908; AT 98116924 T 19980908; DE 69820962 T 19980908; FR 9713749 A 19971029; NO 984932 A 19981023; RU 98119463 A 19981028