

Title (en)

Outsole for a sports shoe, preferably for cross-country skiing or telemark

Title (de)

Laufsohle für einen Sportschuh, insbesondere Skilanglauf- oder Telemark-Schuh

Title (fr)

Semelle d'usure pour chaussure de sport, en particulier pour chaussure de ski de fond ou de telemark

Publication

EP 1559337 B1 20110824 (DE)

Application

EP 04030168 A 20041220

Priority

DE 102004004317 A 20040128

Abstract (en)

[origin: EP1559337A1] The tread sole has a rear section (11) with heel (13) and a slightly dish-shaped front section (12) which at least on the shaft side is continuously smooth and with an unchanged predetermined overall thickness at least in the region of the metatarsal zone (M) has a considerably reduced thickness (d) which is preferably 30 to 35 % and maximum 50% of the overall thickness (h) of hard and soft material. An outsole cover can be welded or stuck onto the tread side of the tread sole.

IPC 8 full level

A43B 5/04 (2006.01); **A43B 13/14** (2006.01)

CPC (source: EP US)

A43B 5/0411 (2013.01 - EP US); **A43B 13/141** (2013.01 - EP US)

Cited by

EP1757199A1; CN109349732A; CN107397295A; US11154114B2; EP3659456A1; WO2020109293A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1559337 A1 20050803; **EP 1559337 B1 20110824**; DE 102004004317 A1 20050811; NO 20050431 D0 20050126; NO 20050431 L 20050729; NO 327068 B1 20090414; RU 2005101936 A 20060710; RU 2357627 C2 20090610; US 2005178024 A1 20050818; US 7591085 B2 20090922

DOCDB simple family (application)

EP 04030168 A 20041220; DE 102004004317 A 20040128; NO 20050431 A 20050126; RU 2005101936 A 20050127; US 3445405 A 20050111