

Title (en)  
SHOE OUTSOLE

Title (de)  
LAUFSOHLE FÜR SCHUH

Title (fr)  
SEMELLE D'USURE DE CHAUSSURE

Publication  
**EP 3143892 A4 20171227 (EN)**

Application  
**EP 14891778 A 20140514**

Priority  
JP 2014062818 W 20140514

Abstract (en)  
[origin: EP3143892A1] An outsole of a shoe includes: a plurality of ridges having a tread surface to be in contact with a road surface; and at least one longitudinal groove defined between the plurality of ridges. At least in a partial area of each of a forefoot portion and a rear foot portion on a medial side of a foot, the plurality of ridges and the longitudinal groove extend in a longitudinal direction or a diagonal longitudinal direction and are set so that an angle of the ridges and that of the longitudinal groove with respect to a long axis of the outsole are in a range of 0° to 35°. A ratio of a length of the tread surface of the ridges with respect to a width of the tread surface is set to be 1.8 to 200. The width of the tread surface of the ridges is set to be greater than a width of the longitudinal groove by a factor of 2 to 100.

IPC 8 full level  
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Citation (search report)

- [XY] US 4309831 A 19820112 - PRITT DONALD S
- [XA] GB 1552550 A 19790912 - JALLATTE SA
- [XA] NL 7711761 A 19790501 - JALLATTE SA
- [XA] US 2014123522 A1 20140508 - RUSTAM ERNIE [US], et al
- [XA] FR 1018202 A 19521230 - A J & M PRADET & CIE ETS
- [XA] US 6860037 B1 20050301
- [Y] US 2014047740 A1 20140220 - TUCKER SCOTT [US], et al
- [A] FR 962050 A 19500527
- [A] DE 29919124 U1 20000302 - GRAU STEFAN [DE]
- See references of WO 2015173904A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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