

Title (en)

TREAD PATTERN COMBINATION FOR NON-SLIP SHOES

Title (de)

LAUFLÄCHENPROFILKOMBINATION FÜR RUTSCHFESTE SCHUHE

Title (fr)

COMBINAISON DE MOTIFS DE SEMELLE POUR CHAUSSURES ANTIDÉRAPANTES

Publication

EP 3413740 A1 20181219 (EN)

Application

EP 17706104 A 20170210

Priority

- US 201615040751 A 20160210
- US 2017017297 W 20170210

Abstract (en)

[origin: WO2017139528A1] The invention involves a tread system for shoes. More specifically, the present invention is a tread combination that is particularly suited to work environments where the workers are required to use a walking gait upon slick floor surfaces, some of which may be partially covered with liquids. The system includes an outsole having a heel strike tread having a pointed leading edge with sipes for squeegeeing and channeling liquid away from the center portion of the tread to prevent forward slippage. The mid and forefoot portions of the outsole are provided with cross siped treads which reduce or prevent sideways slippage of the forefoot.

IPC 8 full level

A43B 13/22 (2006.01); **A43B 13/26** (2006.01)

CPC (source: EP KR)

A43B 13/223 (2013.01 - EP KR); **A43B 13/26** (2013.01 - EP KR); **A43B 13/37** (2013.01 - KR)

Citation (search report)

See references of WO 2017139528A1

Cited by

US11352101B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017139528 A1 20170817; CA 3014181 A1 20170817; CN 109068800 A 20181221; EP 3413740 A1 20181219;
KR 20180113541 A 20181016; TW 201733474 A 20171001

DOCDB simple family (application)

US 2017017297 W 20170210; CA 3014181 A 20170210; CN 201780021381 A 20170210; EP 17706104 A 20170210;
KR 20187024681 A 20170210; TW 106104261 A 20170209