

Title (en)
SLEEPER PAD

Title (de)
SCHWELLENSOHLE

Title (fr)
SEMELLE DE TRAVERSE

Publication
EP 3221514 A1 20170927 (DE)

Application
EP 15795103 A 20151012

Priority
• DE 102014116905 A 20141119
• AT 2015000132 W 20151012

Abstract (en)
[origin: WO2016077852A1] The invention relates to a sleeper pad (1) for fastening to at least one outer surface (3) of a railway sleeper (4) facing a ballast bed (2), the sleeper pad (1) comprising or consisting of at least one damping layer (5), wherein the damping layer (5) has an EPM index in the range from 10 to 25 %, preferably in the range from 10 to 20 % when carrying out a load test.

IPC 8 full level
E01B 1/00 (2006.01); **E01B 3/46** (2006.01)

CPC (source: CN EP US)
E01B 3/46 (2013.01 - CN EP US); **E01B 2204/01** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2016077852A1

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)
DE 102014116905 A1 20160519; CN 107002371 A 20170801; CN 107002371 B 20190531; DK 3221514 T3 20200323;
EP 3221514 A1 20170927; EP 3221514 B1 20191218; PT 3221514 T 20200221; US 10597826 B2 20200324; US 2018127922 A1 20180510;
WO 2016077852 A1 20160526

DOCDB simple family (application)
DE 102014116905 A 20141119; AT 2015000132 W 20151012; CN 201580063174 A 20151012; DK 15795103 T 20151012;
EP 15795103 A 20151012; PT 15795103 T 20151012; US 201515524435 A 20151012