

Title (en)

SLEEPER SOLE FOR ARRANGEMENT ON THE UNDERSIDE OF A CONCRETE RAILWAY SLEEPER

Title (de)

SCHWELLENSOHLE ZUR ANORDNUNG AN EINER UNTERSEITE EINER EISENBAHNSCHWELLE AUS BETON

Title (fr)

SEMELLE DE TRAVERSE DESTINÉE À ÊTRE DISPOSÉE SUR UNE FACE INFÉRIEURE D'UNE TRAVESE DE CHEMIN DE FER EN BÉTON

Publication

EP 4215671 B1 20240529 (DE)

Application

EP 22209011 A 20221123

Priority

AT 122022 A 20220119

Abstract (en)

[origin: CN116463892A] The invention relates to a sleeper base (1) for arrangement on an underside (2) of a railway sleeper (3) made of concrete, the sleeper base (1) having at least one elastomer layer (4) and at least one connecting layer (5), the connecting layer (5) having a first layer (7) made of first ribs (6) and a second layer (9) made of second ribs (8), wherein the first layer (7) and the second layer (9) are formed at a distance from one another and are connected to one another by means of connecting ribs (10), and the first layer (7) of the connecting layer (5) adheres to a surface (11) of the elastomer layer (4), and the first layer (7) has an opening (12) enclosed by a first rib (6) of the first layer (7) and the second layer (9) has an opening (13) enclosed by a second rib (8) of the second layer (9), wherein the area proportion of the first ribs (6) on the first layer (7) is greater than the area proportion of the second ribs (8) on the second layer (9).

IPC 8 full level

E01B 3/28 (2006.01); **D04B 21/10** (2006.01); **E01B 1/00** (2006.01); **E01B 3/46** (2006.01)

CPC (source: AT CN EP)

D04B 21/10 (2013.01 - AT EP); **E01B 1/001** (2013.01 - CN EP); **E01B 2/00** (2013.01 - CN); **E01B 3/00** (2013.01 - CN); **E01B 3/28** (2013.01 - AT EP); **E01B 3/46** (2013.01 - AT EP); **D10B 2403/011** (2013.01 - AT); **D10B 2403/0112** (2013.01 - EP); **D10B 2403/0213** (2013.01 - EP); **D10B 2505/02** (2013.01 - EP); **E01B 2201/00** (2013.01 - CN); **E01B 2204/01** (2013.01 - AT CN EP)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4215671 A1 20230726; **EP 4215671 B1 20240529**; AT 525444 A4 20230415; AT 525444 B1 20230415; CN 116463892 A 20230721

DOCDB simple family (application)

EP 22209011 A 20221123; AT 122022 A 20220119; CN 202310074978 A 20230118