

Title (en)
ANCHOR BOLT FOR A RESILIENT RAIL FASTENING

Title (de)
ANKERSCHRAUBE FÜR ELASTISCHE SCHIENENBEFESTIGUNG

Title (fr)
ANCRE DE RACCORD DE RAIL SOUPLE

Publication
EP 3444401 A4 20200101 (EN)

Application
EP 17782759 A 20170407

Priority
• UA A201603827 A 20160411
• UA 2017000035 W 20170407

Abstract (en)
[origin: EP3444401A1] The anchor of the elastic rail fastener contains a head, a baseplate and a shank. The head has the shape of a semicircle of a certain thickness and is placed on the supporting platform, the upper part of the head is slightly displaced forward in the direction of the under-rail pad of the sleepers. On both sides of the axis of the head, the seats are made to set the elastic tension clamp - the hole and groove. In the front and behind in the middle the head contains rectangular grooves for mounting the regulating sleeve, and in the front, from the side of under-rail pad of the sleeper above the baseplate, a rectangular recess for fixing of the regulating sleeve is made, and the distance from the mounting seats for the elastic tension clamp to the baseplate of the head is equal to the thickness of the regulating sleeve. In the lower part of the head, there is a supporting platform, narrowed to the bottom and passing into a shank, made of two parallel vertical edges, connected by separate rectangular ribs forming transverse sides, between which the pass-through windows are made of the longitudinal section of the shank of the different sizes - smaller in the upper part and larger on the periphery of the shank.

IPC 8 full level
E01B 9/30 (2006.01)

CPC (source: EP)
E01B 9/30 (2013.01)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2017180080A1

Cited by
PL73481Y1; CN117647168A

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

DOCDB simple family (publication)
EP 3444401 A1 20190220; EP 3444401 A4 20200101; UA 113604 C2 20170210; WO 2017180080 A1 20171019

DOCDB simple family (application)
EP 17782759 A 20170407; UA 2017000035 W 20170407; UA A201603827 A 20160411