

Title (en)
EMERGENCY FISH-PLATE

Title (de)
NOTLASCHENVERBINDER

Title (fr)
CLISSE DE SECOURS

Publication
EP 1697592 A1 20060906 (DE)

Application
EP 04797942 A 20041117

Priority
• EP 2004013008 W 20041117
• DE 20318515 U 20031129

Abstract (en)
[origin: WO2005052258A1] The invention relates to an emergency fish-plate (1) for temporarily connecting two successive rails (2) of a track. Said fish-plate comprises two screw nuts (7) that are associated with the same clamping piece (3) on which a safety flap (8) is located. Said safety flap is provided with an oblong hole (10) containing a flap screw (9) for fixing the safety flap (8) to the clamping piece (3). In order to render the inventive fish-plate resistant to torsion, two safety recesses (11) are used to respectively partially enclose a screw nut (7). One such emergency fish-plate (1) is very easy to operate.

IPC 8 full level
E01B 11/02 (2006.01); **E01B 11/18** (2006.01)

CPC (source: EP)
E01B 11/18 (2013.01)

Citation (search report)
See references of WO 2005052258A1

Cited by
WO2017016627A1; DE202017103074U1; WO2018215361A1; DE202015005277U1; US10525995B2; WO2020064289A1; EP3253921B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005052258 A1 20050609; AT E359398 T1 20070515; AU 2004293547 A1 20050609; AU 2004293547 B2 20090618;
CN 1867735 A 20061122; CN 1867735 B 20111214; DE 20318515 U1 20040304; DE 502004003505 D1 20070524; EP 1697592 A1 20060906;
EP 1697592 B1 20070411; ES 2284069 T3 20071101; PL 1697592 T3 20070831; RU 2006109831 A 20080110; RU 2341605 C2 20081220;
SI 1697592 T1 20070831

DOCDB simple family (application)
EP 2004013008 W 20041117; AT 04797942 T 20041117; AU 2004293547 A 20041117; CN 200480030111 A 20041117;
DE 20318515 U 20031129; DE 502004003505 T 20041117; EP 04797942 A 20041117; ES 04797942 T 20041117; PL 04797942 T 20041117;
RU 2006109831 A 20041117; SI 200430310 T 20041117