

Title (en)
RAIL

Title (de)
SCHIENE

Title (fr)
RAIL

Publication
EP 2449177 A1 20120509 (DE)

Application
EP 10727423 A 20100629

Priority
• EP 2010059162 W 20100629
• DE 102009026049 A 20090629

Abstract (en)
[origin: CA2775813A1] The invention relates to a rail (1), in particular a grooved rail, comprising an upper part (112) and a lower part (114) made of different materials, wherein the upper part comprises a head and is made of a wear-resistant material, and the lower part is preferably made of structural steel, and wherein the lower part (114) of the rail (1) is a profile element comprising a web (140) or a flat element forming a web.

IPC 8 full level
E01B 5/08 (2006.01); **E01B 5/10** (2006.01)

CPC (source: EP US)
E01B 5/08 (2013.01 - EP US); **E01B 5/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2011000809A1

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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009026049 A1 20101230; CA 2775813 A1 20110106; EP 2449177 A1 20120509; EP 2449177 B1 20151007; HK 1177480 A1 20130823; US 2012168569 A1 20120705; US 8931709 B2 20150113; WO 2011000809 A1 20110106

DOCDB simple family (application)
DE 102009026049 A 20090629; CA 2775813 A 20100629; EP 10727423 A 20100629; EP 2010059162 W 20100629; HK 12111359 A 20121109; US 201013381562 A 20100629