

Title (en)  
RAILWAY BOGGIE

Title (de)  
FAHRWERKRAHMEN FÜR SCHIENENFAHRZEUGE

Title (fr)  
BOGIE FERROVIAIRE

Publication  
**EP 2454139 B1 20140514 (DE)**

Application  
**EP 10732966 A 20100714**

Priority  
• EP 2010060138 W 20100714  
• US 22594009 P 20090716

Abstract (en)  
[origin: WO2011006927A1] The invention relates to a chassis frame for rail vehicles, wherein the chassis frame comprises two longitudinal beams (1) and at least one transverse beam (2) that is disposed between the longitudinal beams (1) and hinged thereto, wherein the longitudinal beams (1) are designed in a bent shape and extend through a corresponding cutout (6) of the transverse beam (2). In this way, substantial structural restrictions of chassis frames known from the prior art can be overcome.

IPC 8 full level  
**B61F 5/00** (2006.01)

CPC (source: EP US)  
**B61F 5/52** (2013.01 - EP US)

Citation (examination)  
• WO 0179049 A1 20011025 - SIEMENS SGP VERKEHRSTECH GMBH [AT], et al  
• WO 2009144315 A1 20091203 - FIEDLER ANDREAS [DE], et al  
• US 3313245 A 19670411 - SUNDBY GUSTAV B  
• US 1414916 A 19220502 - ARVID ANDERSON GUSTAF

Cited by  
CN107406087A; US10532752B2

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)  
**WO 2011006927 A1 20110120**; CA 2768480 A1 20110120; EP 2454139 A1 20120523; EP 2454139 B1 20140514; ES 2479591 T3 20140724; PL 2454139 T3 20141128; PT 2454139 E 20140724; RU 2012101465 A 20130827; RU 2544259 C2 20150320; US 2012240813 A1 20120927; US 9421987 B2 20160823

DOCDB simple family (application)  
**EP 2010060138 W 20100714**; CA 2768480 A 20100714; EP 10732966 A 20100714; ES 10732966 T 20100714; PL 10732966 T 20100714; PT 10732966 T 20100714; RU 2012101465 A 20100714; US 201013382161 A 20100714