

Title (en)  
TRACTION HEAD PART

Title (de)  
ZUGKOPFTEIL

Title (fr)  
PARTIE ANTÉRIEURE DE TRAIN

Publication  
**EP 2844533 A1 20150311 (DE)**

Application  
**EP 13729705 A 20130617**

Priority  
• DE 102012212967 A 20120724  
• EP 2013062466 W 20130617

Abstract (en)  
[origin: WO2014016049A1] The invention relates to a traction head part (1) having a cabin (3), which comprises a floor region (5), a roof (7) and two side walls (9), which extend between the floor region (5) and the roof (7), wherein the side walls (9) each have an A-column (13) on the head end thereof (11), which is held on the floor region (5), one longitudinal beam (17) extends into the side walls (9) from each A-column (13), and the unit is structured by the A-column (13) and longitudinal beam (17) in order to absorb and direct forces into the cabin (3) in the case of a crash.

IPC 8 full level  
**B61D 15/06** (2006.01)

CPC (source: EP US)  
**B61D 15/06** (2013.01 - EP US); **B61D 17/00** (2013.01 - US)

Citation (search report)  
See references of WO 2014016049A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014016049 A1 20140130**; BR 112015001393 A2 20170704; CA 2879759 A1 20140130; CN 204801783 U 20151125;  
DE 102012212967 A1 20140130; EP 2844533 A1 20150311; EP 2844533 B1 20190403; ES 2733454 T3 20191129;  
IN 10893DEN2014 A 20150911; PL 2844533 T3 20190930; PT 2844533 T 20190606; RU 162454 U1 20160610; TR 201906314 T4 20190521;  
US 2015191180 A1 20150709

DOCDB simple family (application)  
**EP 2013062466 W 20130617**; BR 112015001393 A 20130617; CA 2879759 A 20130617; CN 201390000640 U 20130617;  
DE 102012212967 A 20120724; EP 13729705 A 20130617; ES 13729705 T 20130617; IN 10893DEN2014 A 20141219;  
PL 13729705 T 20130617; PT 13729705 T 20130617; RU 2015105963 U 20130617; TR 201906314 T 20130617; US 201314417208 A 20130617