

Title (en)  
ASSEMBLY OF A VEHICLE FLOOR SUB-ASSEMBLY WITH FIXING MEANS

Publication  
**EP 0063214 B1 19850807 (DE)**

Application  
**EP 82101045 A 19820212**

Priority  
DE 3115699 A 19810418

Abstract (en)  
[origin: EP0063214A1] 1. Construction of the floor of vehicles, more especially rail vehicles, having a bearer plate (1), attachment rails (10, 15) arranged to project upwardly thereon, and having at least one floor plate (4) which is arranged at a spacing above the bearer plate, characterised in that the attachment rails (10, 15) are designed to penetrate the floor plate (4) upwardly, and arranged to rest between the attachment rails on the bearer plate (1) is, in each case, a supporting and insulating layer (2) and the floor plate (4) is supported over its entire area thereon flush with the attachment rails (10, 15).

IPC 1-7  
**B61D 1/04**; **B61D 17/10**; **B62D 25/20**

IPC 8 full level  
**B62D 25/20** (2006.01); **B61D 1/04** (2006.01); **B61D 17/10** (2006.01); **B61D 17/18** (2006.01)

CPC (source: EP)  
**B61D 1/04** (2013.01); **B61D 17/10** (2013.01); **B61D 17/185** (2013.01)

Cited by  
EP1657134A1; FR3100494A1; WO2012010362A1; FR2547783A1; GB2537640A; EP1942039A1; CN109318912A; US4958844A; CN103003124A; DE10313472B4; EP1118498A3; DE19933097A1; CN107406085A; US6182411B1; DE19805284B9; EP1508489A3; EP2570322A1; US2020290488A1; US11685296B2; EP0178258A1; EP3081449A1; EP2100791A1; FR2928330A1; CN101537842A; RU179907U1; EP3388302A1; DE102006032333A1; EP1880914A1; DE102006032333B4; GB2222129A; GB2222129B; US10471974B2; US8066321B2; US8826828B2; EP3636508A4; CN113183996A; WO2014079652A1; WO9209468A1; WO2011042419A3; WO2008135190A1; DE202013004944U1; US9533716B2; EP3287560A1; WO0105640A1; WO9703874A1; WO2016005234A1; WO2019095700A1

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