

Title (en)
FRAME STRUCTURE FOR A BOGIE

Title (de)
RAHMENSTRUKTUR FÜR EIN DREHGESTELL

Title (fr)
STRUCTURE DE CADRE POUR UN BOGIE

Publication
EP 4219264 A1 20230802 (EN)

Application
EP 22154275 A 20220131

Priority
EP 22154275 A 20220131

Abstract (en)
The present subject matter in particular relates to a frame structure (1) for a bogie of a railway vehicle including at least one side member (20) which, when mounted on the railway vehicle, extends in longitudinal direction of the railway vehicle, and a centre member (30) which, when mounted on the railway vehicle, extends in a transverse direction of the railway vehicle. The at least one side member (20) comprises an extruded profile (2) made of an aluminium alloy, and the centre member (30) comprises a cast element (3) made from metal casting. The side member (20) is connected to the centre member (30) by means of a bolt connection (40) and/or an adhesive bond.

IPC 8 full level
B61F 5/52 (2006.01)

CPC (source: EP)
B61F 5/52 (2013.01)

Citation (applicant)
US 2021070328 A1 20210311 - THONI LOTHAR [CH]

Citation (search report)
• [IA] CN 113650639 A 20211116 - HUNAN TIANAO TECH CO LTD
• [A] EP 0345708 A1 19891213 - ALSTHOM CREUSOT RAIL [FR]
• [A] CN 215621989 U 20220125 - CRRRC QINGDAO SIFANG CO LTD
• [A] WO 2016139098 A1 20160909 - SIEMENS AG OESTERREICH [AT]
• [A] US 5653177 A 19970805 - RIMBAUD MICHEL [FR], et al

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

Designated validation state (EPC)
KH MA MD TN

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DOCDB simple family (application)
EP 22154275 A 20220131; JP 2022212819 A 20221229