

Title (en)
CHASSIS FRAME WITH SPRING CUP

Title (de)
FAHRWERKSRAHMEN MIT FEDERTOPF

Title (fr)
CADRE DE TRAIN AVEC CUVETTE DE RESSORT

Publication
EP 3197743 A1 20170802 (DE)

Application
EP 15757163 A 20150812

Priority
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• EP 2015068527 W 20150812

Abstract (en)
[origin: WO2016045864A1] The invention relates to a chassis frame for a bogie of a rail vehicle, comprising at least one longitudinal member (1) with an upper chord (2) and a lower chord (3). The longitudinal member (1) has at least one end portion (4), a central portion (6), and a transition portion (5) lying between the end portion and the central portion, said end portion (4) of the longitudinal member (1) being designed as a spring cup (8) for receiving a primary spring. The aim of the invention is to improve the rigidity curve between the spring cup (8) and the transition portion (5). This is achieved in that the lower chord (3) has a curvature (9) in the region of the transition portion (5), said curvature being designed such that the imaginary extension of the lower chord (3) and the upper chord (2) itself or the imaginary extension of the upper chord (2) intersect in the end portion (4).

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B61F 5/52 (2006.01)

CPC (source: AT CN EP RU US)
B61F 5/30 (2013.01 - AT); **B61F 5/52** (2013.01 - AT CN EP RU US)

Citation (examination)
• DE 2514304 A1 19751016 - PATON
• US 6142081 A 20001107 - LONG JACK R [US], et al
• US 3754514 A 19730828 - PETERSON W
• See also references of WO 2016045864A1

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