

Title (en)

RAIL VEHICLE BOGIE FRAME DESIGNED IN PARTICULAR FOR FREIGHT WAGONS

Title (de)

LAUFWERKSRAHMEN FÜR SCHIENENFAHRZEUGE, INSBESONDERE AUSGELEGT FÜR GÜTERWAGEN

Title (fr)

CHASSIS DE BOGIES CON US POUR DES WAGONS DE MARCHANDISES

Publication

**EP 1280691 A1 20030205 (EN)**

Application

**EP 01930338 A 20010510**

Priority

- PL 0100038 W 20010510
- PL 34011200 A 20000510

Abstract (en)

[origin: WO0185522A1] The invention solves the problem of adjusting bogie frames to increased loads maintaining the flexibility of the connection between the side beam and the bolster without any significant increase in weight. The bolster (2) has a central upper plate (4) finished with extreme lower plates (7). The central upper plate (4) and the central lower plate (6) are approximately 1.2 times thicker than the extreme upper plates (5) and than the extreme lower plates (7), and additionally the spacer (11) has its upper arm (10) at least 1.3 times longer than the lower arm (12), which is at least equal to the development of its curved part (13), whereby one of the arms (10,12) is approximately 1.2 times thicker than extreme upper plates (5) and than extreme lower plates (7). The bolster (2) has central vertical plates (8) connected to the extreme vertical plates (9); approximately 1.2 times than the central vertical plates (8).

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IPC 8 full level

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