

Title (en)
BOGIE FOR RAILWAY VEHICLES WITH INDEPENDENT WHEELS

Publication
EP 0177460 A3 19870826 (EN)

Application
EP 85830240 A 19850924

Priority
IT 6799384 A 19841005

Abstract (en)
[origin: EP0177460A2] A bogie for railway vehicles comprises a central support structure (10) including two transverse tubular supports (54) between which are mounted, with the interposition of bushes of elastomeric material, two shafts (56) each of which supports at its ends a pair of substantially longitudinal arms (12) bearing the spindles (68) of the wheels (14). A tubular spacer member (88) aligned with the spindles (68) of the wheels (14) is interposed between the ends of the two longitudinal arms supported by each shaft (56). There are provided means for connecting the central support structure to the body of a railway vehicle in an articulated manner, and transverse and vertical suspension means between the bogie and the body.

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IPC 8 full level
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CPC (source: EP)
B61F 3/02 (2013.01); **B61F 3/16** (2013.01); **B61F 5/38** (2013.01); **B61F 5/52** (2013.01)

Citation (search report)
• [X] GB 2050273 A 19810107 - FIAT RICERCHE
• [A] US 2473714 A 19490621 - KROTZ ALVIN S
• [A] DE 829602 C 19520128 - KRAUSS MAFFEI AG
• [A] DE 1059494 B 19590618 - KRAUSS MAFFEI AG

Cited by
KR20030054575A; EP0334418A1; ES2130039A2; EP0802101A3; EP0363972A3; US5024165A; DE102007025163A1; EP2559605A2; WO2008145641A1

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