

Title (en)
Steerable bogie

Title (de)
Lenkbares Drehgestell

Title (fr)
Bogie orientable

Publication
EP 0829413 A3 19991215 (FR)

Application
EP 97115074 A 19970830

Priority
CH 227296 A 19960917

Abstract (en)
[origin: EP0829413A2] The directional bogie can be articulated by a pivoting system (66) on the structure of a vehicle. It comprises two U-shaped axles (14) connected to a chassis (12) and each carrying two wheels (16). Each axle lateral branch has a portion (22) for carrying a primary suspension part (23). The chassis has two U-shaped cross members (27) separated by a space (28) in which is housed a U-shaped cross member (18) carried by the chassis by two secondary suspensions (40). The chassis has on each side a driving unit for rotating the wheels through reducers. The cross member carries the pivoting system so as to obtain a bogie directional to the vehicle central bottom floor.

IPC 1-7
B61F 5/38; **B61F 5/52**; **B61F 5/16**; **B61F 3/16**; **B61C 9/52**

IPC 8 full level
B61C 9/52 (2006.01); **B61F 3/16** (2006.01); **B61F 5/16** (2006.01); **B61F 5/38** (2006.01); **B61F 5/52** (2006.01)

CPC (source: EP)
B61C 9/52 (2013.01); **B61F 3/16** (2013.01); **B61F 5/16** (2013.01); **B61F 5/38** (2013.01); **B61F 5/52** (2013.01)

Citation (search report)
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• [Y] EP 0183619 A1 19860604 - SCHNEIDER JEUMONTRAIL SA [FR]
• [A] EP 0448147 A2 19910925 - FI RE MA SYSTEM S P A [IT]
• [A] EP 0364847 A1 19900425 - ALSTHOM GEC [FR]
• [A] EP 0263793 A2 19880413 - FIAT FERROVIARIA SAVIGLIANO [IT]

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