

Title (en)
Steerable bogie

Title (de)
Lenkbares Drehgestell

Title (fr)
Bogie orientable

Publication
EP 0829413 A2 19980318 (FR)

Application
EP 97115074 A 19970830

Priority
CH 227296 A 19960917

Abstract (en)
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.

Abstract (fr)
La bogie orientable comprend deux essieux (14) en forme de U dont les branches latérales (21), portant les roues (16) et, par l'intermédiaire de suspensions primaires le châssis (11). Ce dernier comprend deux traverses (27) en forme de U séparées par un espace (28) dans lequel est logée une traverses danseuse (18) en forme de U portée par le châssis (12) au moyen de deux suspensions secondaires (40). Le châssis comporte de chaque côté au moins un groupe de motorisation entraînant les roues (16) au moyen de réducteurs. Le bogie permet d'obtenir un véhicule à plancher bas intégral d'un faible prix de revient. <IMAGE> <IMAGE>

IPC 1-7
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IPC 8 full level
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Cited by
CN107826139A; CN107137934A; CN106347168A; CN110509946A; CN112046538A; WO2017202221A1; WO2021108873A1; WO2021108874A1

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