

Title (en)

Rail vehicle with single-stage suspension

Title (de)

Schienenfahrzeug mit einstufiger Federung

Title (fr)

Véhicule ferroviaire avec suspension à monoétagé

Publication

**EP 2559605 A3 20130807 (DE)**

Application

**EP 12192212 A 20080527**

Priority

- EP 08760038 A 20080527
- DE 102007025163 A 20070529

Abstract (en)

[origin: WO2008145641A1] The invention relates to a rail vehicle having a car body (102) and a first chassis (103) which has at least one first wheel unit (105) with two wheels coupled for rotation speed, wherein the car body (102) has a longitudinal axis (102.1), a transversal axis (102.2), and a vertical axis (102.3), and the car body (102) is supported by a spring stage (104) directly on the first wheel unit (105), wherein the first wheel unit (105) is connected to the car body (102) via a shift unit (108). The shift unit (108) is designed in such a manner that if a wheel of the first wheel unit (105) is deflected in the direction of the longitudinal axis (102.1) of the car body (102), the shift unit (108) causes the first wheel unit (105) to undergo a shift movement about a shift axis running in the direction of the vertical axis (102.3).

IPC 8 full level

**B61F 5/38** (2006.01); **B61F 3/04** (2006.01)

CPC (source: EP)

**B61F 3/04** (2013.01); **B61F 5/38** (2013.01)

Citation (search report)

- [Y] EP 0649782 A1 19950426 - SCHWEIZERISCHE LOKOMOTIV [CH]
- [Y] EP 0759390 A1 19970226 - SCHWEIZERISCHE LOKOMOTIV [CH]

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**DE 102007025163 A1 20081204**; DK 2158114 T3 20170508; EP 2158114 A1 20100303; EP 2158114 B1 20170201; EP 2559605 A2 20130220; EP 2559605 A3 20130807; ES 2622856 T3 20170707; PL 2158114 T3 20170731; WO 2008145641 A1 20081204

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