

Title (en)  
Bogie with a suspension system

Title (de)  
Drehgestell mit einem Federungssystem

Title (fr)  
Bogie avec un système de suspension

Publication  
**EP 1637425 B1 20080813 (DE)**

Application  
**EP 05016057 A 20050723**

Priority  
CH 15302004 A 20040918

Abstract (en)  
[origin: EP1637425A2] The wheel bearings (22) of the truck are situated inside the wheels (21) and the axles (20) do not protrude from the wheels, so that the truck frame forms a compact unit with at least two wheel parts. The wheel bearings are cross-connected to one another using a cross bar (5). Each truck has at least eight horizontal springs (17), eight shock absorbers, four primary spring and one secondary spring.

IPC 8 full level  
**B61F 5/26** (2006.01); **B61F 5/38** (2006.01); **B61F 5/52** (2006.01)

CPC (source: EP)  
**B61F 5/20** (2013.01); **B61F 5/305** (2013.01); **B61F 5/38** (2013.01); **B61F 5/526** (2013.01)

Cited by  
EP2165913A1; JP2012530638A; CN106476840A; CN101934799A; CN103171582A; CN110789560A; CN102265057A; CN103171581A; CN105339233A; EP3012172A4; US8505465B2; WO2020248490A1; WO2010072428A1; WO2010148495A1; WO2014063426A1; DE202017107670U1; WO2019121524A1; US11702118B2

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