

Title (en)
Suspension system of a bogie

Title (de)
Federungssystem zu einem Drehgestell

Title (fr)
Système de suspension d'un bogie

Publication
EP 1637425 A3 20070801 (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)

Citation (search report)
• [X] US 4237791 A 19801209 - JACKSON KEITH L [US], et al
• [A] EP 0161729 A1 19851121 - RMO WERKSPOOR SERVICES BV [NL]
• [A] US 4162653 A 19790731 - WICKENS ALAN H [GB]

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

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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