

Title (en)
Railway vehicle with bogies

Title (de)
Schienenfahrzeug mit Drehgestellen

Title (fr)
Véhicule ferroviaire avec bogies

Publication
EP 0568043 B1 19960410 (DE)

Application
EP 93106901 A 19930428

Priority
DE 4214063 A 19920430

Abstract (en)
[origin: EP0568043A1] Bogie for rail vehicles having primary suspension and secondary suspension, the secondary suspension being a pneumatic suspension and the pneumatic springs being designed as toroidal bellows (2, 3) and additional volumes (6, 7) which are connected to the toroidal bellows (2, 3) via lines (11, 12) being assigned and three-way valves (4, 5) being arranged between the toroidal bellows (2, 3) and the additional volumes (6, 7). <IMAGE>

IPC 1-7
B61F 5/22

IPC 8 full level
B61F 5/22 (2006.01)

CPC (source: EP)
B61F 5/22 (2013.01)

Cited by
EP3121089A1; EP2724912A1; EP3121090A1; WO2014064164A1; EP1023216A4; DE102015112012B3; CN104755352A; DE102015112015B3; EP3121090B1

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
EP 0568043 A1 19931103; EP 0568043 B1 19960410; AT E136510 T1 19960415; DE 59302145 D1 19960515

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EP 93106901 A 19930428; AT 93106901 T 19930428; DE 59302145 T 19930428