

Title (en)

Variable characteristic transverse suspension for railway vehicles.

Title (de)

Queraufhängung mit wechselnden Eigenschaften für Schienenfahrzeuge.

Title (fr)

Suspension transversale à caractéristiques variables, pour véhicules ferroviaires.

Publication

EP 0128126 A2 19841212 (EN)

Application

EP 84830133 A 19840430

Priority

IT 6760583 A 19830601

Abstract (en)

A railway vehicle has a body (10), bogies (20) articulated to the body (10) and vertical and transverse suspension means between the bogies (20) and the body, the transverse suspension means including pneumatic or hydro-pneumatic springs (24) located substantially horizontally and reacting between the body and the opposite sides of each bogie. The fluid pressure supply to the springs (24) and hence the forces exerted thereby are adjusted automatically so as to contain transverse movements of the body (10) relative to the bogies (20) within predetermined limits while maintaining the flexibility of the connection practically invariant.

IPC 1-7

B61F 5/10; **B61F 5/24**

IPC 8 full level

B61F 5/18 (2006.01); **B61F 5/10** (2006.01); **B61F 5/14** (2006.01)

CPC (source: EP)

B61F 5/10 (2013.01); **B61F 5/14** (2013.01)

Cited by

US5222440A; FR2689475A1; FR2689476A1; DE19647998A1; DE19608179A1; EP0592387A1; AT408975B; EP0592388A1; AT402387B; EP0592950A1; EP0615890A1; US5454329A; US5255611A; WO9220559A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0128126 A2 19841212; **EP 0128126 A3 19870225**; AU 2729384 A 19841206; BR 8402639 A 19850430; IT 1159021 B 19870225; IT 8367605 A0 19830601; JP S608154 A 19850117

DOCDB simple family (application)

EP 84830133 A 19840430; AU 2729384 A 19840426; BR 8402639 A 19840531; IT 6760583 A 19830601; JP 11108184 A 19840601