

Title (en)
Primary suspension for railway vehicles.

Title (de)
Primärfederung für Schienenfahrzeuge.

Title (fr)
Suspension primaire pour véhicules ferroviaires.

Publication
EP 0557230 A1 19930825

Application
EP 93500011 A 19930205

Priority
ES 9200253 A 19920207

Abstract (en)
A primary suspension for railway vehicles consisting of providing a bearing box (3) with an arm (6) that, stiffly united to the arm (6) of the other bearing box (4) corresponding to the same wheel through an axle (2), oscillates inside a horizontal arm (8) belonging to the frame, and which is supported on flexible elements (9) intermediate between the bearing boxes (3,4) of said axle (2) and the frame, disposing of a stiff union between the bearing boxes (3,4) of each wheel by means of the axle (2) allowing the assembly to oscillate in relation to the bogie frame about a horizontal axle (7). <IMAGE>

IPC 1-7
B61F 3/16; **B61F 5/32**

IPC 8 full level
B61F 3/16 (2006.01); **B61F 5/32** (2006.01)

CPC (source: EP)
B61F 3/16 (2013.01); **B61F 5/325** (2013.01)

Citation (search report)
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AT BE CH DE DK FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0557230 A1 19930825; ES 2063618 A2 19950101; ES 2063618 B1 19970216; ES 2063618 R 19960716

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