

Title (en)

A TRANSVERSE SUSPENSION FOR RAILWAY VEHICLES

Publication

EP 0354189 B1 19921125 (EN)

Application

EP 89830276 A 19890620

Priority

IT 5334888 U 19880804

Abstract (en)

[origin: EP0354189A2] A transverse suspension for railway vehicles a torsion bar (4) mounted on the body (1) or on the bogie and connected to the bogie (2) or to the body (1) respectively by means of a shaft (8) which acts on a lever (7) keyed to the torsion bar (4).

IPC 1-7

B61F 5/02; **B61F 5/24**

IPC 8 full level

B61F 5/02 (2006.01); **B61F 5/24** (2006.01)

CPC (source: EP)

B61F 5/02 (2013.01); **B61F 5/24** (2013.01)

Cited by

CN102991520A; CN108909752A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0354189 A2 19900207; **EP 0354189 A3 19900620**; **EP 0354189 B1 19921125**; AT E82726 T1 19921215; DE 68903611 D1 19930107; DE 68903611 T2 19930401; ES 2036054 T3 19930501; GR 3006600 T3 19930630; IT 215083 Z2 19900730; IT 8853348 V0 19880804

DOCDB simple family (application)

EP 89830276 A 19890620; AT 89830276 T 19890620; DE 68903611 T 19890620; ES 89830276 T 19890620; GR 920403008 T 19921221; IT 5334888 U 19880804