

Title (en)

Railway vehicle suspension provided with roll stiffness control means

Title (de)

Schienenfahrzeugaufhängung mit Rollsteifigkeit-Steuerungsmitteln

Title (fr)

Suspension de véhicule ferroviaire doté de moyens de commande de résistance au roulis

Publication

EP 2724912 B1 20190306 (EN)

Application

EP 12189656 A 20121024

Priority

EP 12189656 A 20121024

Abstract (en)

[origin: EP2724912A1] A pneumatic suspension comprises: at least one left air bellows (34L) and at least one right air bellows (34R) to be positioned between a vehicle body (12) of a railway vehicle (10) and a running gear (14) respectively on a left and on a right side of a median longitudinal vertical plane (102) of the running gear (14) to support the vehicle body (12) on the running gear (14), and additional air volume means (36L, 36R) connected to the left and right air bellows (34L, 34R) by means of anti-roll valve means (40L, 40R). A curve detector (42) is connected to the antiroll valve means (40L, 40R) such as to isolate the left and right air bellows (34L, 34R) from the additional air volume means (36L, 36R) when a curve is detected to stiffen the pneumatic suspension when a curve is detected.

IPC 8 full level

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CPC (source: CN EP)

B61F 5/144 (2013.01 - CN EP); **B61F 5/22** (2013.01 - CN EP)

Cited by

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EP 12189656 A 20121024; CN 201380055259 A 20131023; EP 2013072197 W 20131023