

Title (en)
RUNNING GEAR FOR RAIL VEHICLE

Publication
EP 0303007 B1 19920304 (DE)

Application
EP 88107900 A 19880518

Priority
DE 3725574 A 19870801

Abstract (en)
[origin: EP0303007A2] A bogie with a wheel set automatic control system which is independent of the superstructure is proposed. The said automatic control system contains, in combination with a hollow profile for the wheels of the wheel set (2 and 4, respectively) and a primary suspension (22) which is elastic in the longitudinal direction of the bogie, two lever systems (26.1, 26.2) which are self-adjusting independently of one another, are each arranged on one longitudinal side of a running gear, forcibly couple the axle ends, on the same rails, of the two wheel sets (2, 4) in the longitudinal direction of the bogie so as to be movable in opposite directions only and are each provided with a deflection element (30) which is swivellably mounted on the bogie frame (18), the swivel movements of which element are damped by a single damper (42) assigned to each lever system, by which means, in a constructionally simple and robust manner requiring little maintenance, an optimum limitation of the freedom of movement of the wheel set in the longitudinal direction of the frame relative to the bogie frame is achieved with a view to a radial self-adjustment in curved tracks and simultaneous high degree of running stability at high travelling speeds. <IMAGE>

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B61F 5/38

IPC 8 full level
B61F 5/24 (2006.01); **B61F 5/38** (2006.01)

CPC (source: EP US)
B61F 5/24 (2013.01 - EP US); **B61F 5/38** (2013.01 - EP US)

Cited by
US5546867A; RU2681673C1; EP0613811A1; US5438932A; EP0387744A3; FR2644418A1; WO9625315A1

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