

Title (en)
SWIVEL JOINT FOR SWIVEL-JOINT CONNECTING OF RAIL VEHICLES

Title (de)
DREHGELENK ZUM DREHGELENKIGEN VERBINDEN VON SCHIENENFAHRZEUGEN

Title (fr)
ARTICULATION TOURNANTE POUR LA LIAISON PAR ARTICULATION TOURNANTE DE VÉHICULES FERROVIAIRES

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Application
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Abstract (en)
[origin: CA2986416A1] The invention relates to a swivel joint (10; 100; 101) for swivel-joint connecting of rail vehicles or rail vehicle parts, wherein the swivel joint comprises: - a first part (1) and a second part (2), wherein the first part (1) and/or the second part (2) has at least one longitudinal opening (11, 12; 120, 121; 122, 123), wherein the opening (11, 12; 120, 121; 122, 123) has a first end region (11a, 12a; 120a, 121a; 122a) and a second end region (11b, 12b; 120b, 121b, 122b), wherein the width of the opening (11, 12; 120, 121; 122, 123) decreases from the first end region (11a, 12a; 120a, 121 a; 122a) in the direction of the second end region (11b, 12b; 120b, 121b, 122b), a coupling element (3; 30), via which the first part (1) and the second part (2) are rotatably coupled relative to each other, wherein the coupling element (3; 30) engages with an engaging section (4a, 4b; 40b) in the longitudinal opening (11, 12; 120, 121; 122), and the engaging section (4a, 4b; 40b) in the normal state is arranged in the first end region (11a, 12a; 120a, 121a; 122a) of the longitudinal opening (11, 12; 120, 121; 122, 123), wherein the coupling element (3; 30) can be moved in the direction of the second end region (11b, 12b; 120b, 121b, 122b) when the swivel joint is compressed, wherein the opening (11, 12; 120, 121; 122, 123) can be expanded by moving the coupling element (3; 30) and in this way the first part (1) and/or the second part (2) can be deformed. The invention further relates to a rail vehicle comprising at least one such swivel joint and a method for swivel-joint connecting of rail vehicles or rail vehicle parts.

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