Title (en)

SYSTEM FOR FASTENING A RAIL FOR RAIL VEHICLES

Title (de)

SYSTEM ZUM BEFESTIGEN EINER SCHIENE FÜR SCHIENENFAHRZEUGE

Title (fr)

SYSTEME POUR FIXER UN RAIL CONÇU POUR DES VEHICULES SUR RAILS

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Application

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Abstract (en)

[origin: WO2006005543A1] The invention relates to a system which is used to fasten a rail (S), comprising a beam (1) having a determined supporting surface (3) which is used to support the base (Sf) of the rail (S). The supporting surface (3) extends, on the sides thereof which extend in a parallel manner in relation to the longitudinal extension (L) of the rail (S) which is to be fixed to the supporting surface, by a fastening surface (7, 8) which is arranged at a higher level than the supporting surface (3). Said system also comprises an angle guide plate (20,21) which comprises a central section (22) on whose underside (23) a bearing surface (24) enabling the angle guide plate (20, 21) to be placed on the fastening surface (7,8) of the beam (1) which is associated therewith, is embodied, and a support section (25) which is oriented in a downward direction from the underside thereof and which is formed in the central section (22), said support surface bridging the free space between the base (Sf) of the rail (S) and the fastening surface (7, 8) when the system is in the mounted state. The system further comprises a spring element (100,101) which can be placed on the angle plate (20,21) and which comprises two retaining arms (105,106) which exert a retaining force (H) onto the rail (S) when the system is mounted, and a clamping element (P) when exerts a clamping force (F) onto the spring element (100. 1010) when the system is mounted.

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