

Title (en)

RAIL FASTENER AND ARRANGEMENT COMPRISING SUCH A RAIL FASTENER

Title (de)

SCHIENENBEFESTIGER SOWIE ANORDNUNG MIT EINEM SOLCHEN SCHIENENBEFESTIGER

Title (fr)

ÉLÉMENT DE FIXATION DE RAIL ET SYSTÈME ÉQUIPÉ D'UN TEL ÉLÉMENT DE FIXATION DE RAIL

Publication

**EP 3049572 B1 20170329 (DE)**

Application

**EP 13773201 A 20130926**

Priority

EP 2013070109 W 20130926

Abstract (en)

[origin: WO2015043643A1] A rail fastener (7) comprises an anchoring shaft (9) for fixing the rail fastener (7) in a fastening base, for instance a sleeper (2) which bears the rail (1), and a head (10) which is integrally formed on the anchoring shaft (9) and equipped with means for receiving a torque for the purpose of screwing the anchoring shaft (9) into the fastening base. The rail fastener (7) is distinguished in that - a threaded shaft (11) is integrally formed on the head (10) on the side thereof opposite to the anchoring shaft (9) or a bore equipped with an internal thread is made in the head (10) and/or the anchoring shaft (9) integrally formed thereon from the side thereof opposite to the anchoring shaft (9), - the head (7) has a surface portion as a first abutment surface (24) annularly surrounding the threaded shaft (11) or the threaded bore, - the rail fastener (7) has a clamping element (12) seated on the threaded shaft (11) or engaging in the internal thread of the head (10) and/or of the anchoring shaft (9) and meshing with the respective thread, which clamping element has an outwardly projecting projection for supporting on at least one leg of a rail hold-down spring (22) and a shaft portion (15) integrally formed thereon in the direction of the head (10), which shaft portion has a second abutment surface (26) directed towards the head (10) and corresponding with the first abutment surface (24) and - between the two abutment surfaces (24, 26) there is situated a securing disc or a securing disc arrangement (16) which is supported on the abutment surfaces (24, 26) to prevent the clamping element (12) from loosening.

IPC 8 full level

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CPC (source: EP US)

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