

Title (en)

SCREW COUPLING FOR COUPLING TWO RAIL VEHICLES

Title (de)

SCHRAUBENKUPPLUNG ZUM KUPPELN VON ZWEI SCHIENENFAHRZEUGEN

Title (fr)

ATTELAGE À VIS POUR ACCOUPLER DEUX VÉHICULES SUR RAIL

Publication

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Application

EP 20812301 A 20201125

Priority

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Abstract (en)

[origin: WO2021110501A1] The invention relates to a screw coupling for coupling two rail vehicles, comprising a threaded rod which has a respective coupling element in the region of each of the axial ends of the threaded rod. At least one of the coupling elements or both coupling elements is/are screwed onto an outer thread of the threaded rod, and the threaded rod can be rotated in order to thereby vary the distance between the two coupling elements. The screw coupling also comprises at least one unscrewing protection mechanism at the threaded rod axial end on which the coupling element is screwed, said unscrewing protection mechanism blocking the coupling element from unscrewing over the axial end of the threaded rod, and the unscrewing protection mechanism comprises a groove which extends at least over a section of the circumference of the threaded rod and into which a securing ring protruding radially out of the groove is inserted, wherein the circumference of the securing ring is interrupted at least at one location. The screw coupling according to the invention is characterized in that a holding ring with a closed circumference is arranged on the securing ring radially outwards, said holding ring enclosing the entire circumference of the securing ring.

IPC 8 full level

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