

Title (en)
COUPLER

Title (de)
KUPPLUNG

Title (fr)
DISPOSITIF D'ATTELAGE

Publication
EP 3647152 A1 20200506 (EN)

Application
EP 18209116 A 20181129

Priority
CN 201811285643 A 20181031

Abstract (en)
The present invention provides a coupler, belongs to the technical field of carriage connection, wherein the coupler is to be fixed on a traction beam (100), and comprises a hook (10), a mounting seat (20) and a buffering device (30). The hook (10) comprises a hook body (11) and a rod body (12) extending from the hook body (11), and the hook body (11) is located outside the traction beam (100), and the rod body (12) is located in the traction beam (100). The mounting seat (20) is provided with a first through hole (21) and a plurality of first mounting holes (22), and an axial direction of the first through hole (21) is parallel to a longitudinal direction of the traction beam (100), and an axial direction of the first mounting holes (22) is parallel to a longitudinal direction of the traction beam (100). The mounting seat (20) is located in the traction beam (100) and is connected to the traction beam (100) by bolts inserted in the first mounting holes (22). One end of the buffering device (30) passes through the first through hole (21) to connect with the rod body (12), and the other end of the buffering device (30) abuts on the mounting seat (20). The coupler provided by the present invention can reduce safety hazards of a carriage and save the installation space of the hook, and at the same time, avoid shake of the carriage when the hook is just subjected to a traction force.

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