

Title (en)
QUICK CHANGER

Title (de)
SCHNELLWECHSLER

Title (fr)
SYSTÈME DE CHANGEMENT RAPIDE

Publication
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Application
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Abstract (en)
[origin: CA3044618A1] The invention relates to a quick-change coupler device (1) for coupling and uncoupling an implement attachment to and from a construction vehicle, which device comprises a support member (7), first receiving members (8) disposed on one side of the support member (7) for receiving a first coupling member (5), second receiving members (9) disposed on the other side of the support member (7) for receiving a second coupling member (6), said second receiving members having at least one locking member (10) which can be translationally moved between a release position for coupling or uncoupling the implement attachment and a coupling position for retaining the implement attachment on the quick-change coupler device (1), and a mechanical signaling mechanism (16) for monitoring the locking status. The mechanical signaling mechanism (16) comprises an assembly (17, 19, 22, 23) for signaling the failure of the second coupling member (5) [sic; (6)] to engage in the second receiving members (9), which assembly comprises a coupling gear for moving a signaling member, which translationally moves between a locking position and an unlocking position, into the locking position when the at least one locking member moves into the coupling position, and for moving the signaling member back into the unlocking position when the at least one locking member moves beyond the coupling position.

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