

Title (en)
ASSEMBLY FOR SECURE COUPLING OF A TOOL FOR A WORK ARM OF A PUBLIC WORKS VEHICLE WITH IMPROVED OPERATION

Title (de)
ANORDNUNG ZUM SICHEREN ANKUPPELN EINES WERKZEUGS AN EINEM ARBEITSARM EINER BAUMASCHINE MIT VERBESSERTER FUNKTIONSWEISE

Title (fr)
ENSEMBLE DE COUPLAGE SECURISE D'UN OUTIL SUR UN BRAS DE TRAVAIL D'UN ENGINE DE TRAVAUX PUBLICS A FONCTIONNEMENT AMELIORE

Publication
EP 4060124 B1 20230712 (FR)

Application
EP 22162079 A 20220315

Priority
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Abstract (en)
[origin: CA3150811A1] [Quick coupler of a tool for a work arm of a public works vehicle, comprising: two connection members equipping the tool, two coupling members (13) with elements for connecting a safety member (19) mounted so that it can rotate freely, at least one locking member (36, 38), a release member (29) that is movable in translation (F30) and adapted to allow a rotation of the safety member (19). The release member (29) comprises at least one part (30) that is movable in translation (F30) and adapted to be in contact with at least one surface (24, 25) of shape adapted to that of the safety member (19), which comprises at least one surface (21) adapted to be in sliding contact with at least one surface of complementary shape to the connection member, said sliding contact inducing a rotation of the safety member (19) during the displacement of the connection member out of its receiving housing (15) defined by the first coupling member (13).

IPC 8 full level
E02F 3/36 (2006.01)

CPC (source: EP US)
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