

Title (en)
I-LOCK COUPLER

Title (de)
I-SCHLOSS-KOPPLER

Title (fr)
COUPLEUR DE VERROUILLAGE EN I

Publication
EP 4189177 A1 20230607 (EN)

Application
EP 21848626 A 20210729

Priority
• US 202063058232 P 20200729
• US 2021043802 W 20210729

Abstract (en)
[origin: US2022034061A1] A quick coupler which features a safety mechanism which facilitates ease of use and assures safe use in the workplace by use of hydraulic circuits designed to automatically reset the safety locking mechanism on intentional removal of a front pin, including use of a 2-line hydraulic supply to the coupler.

IPC 8 full level
E02F 3/36 (2006.01)

CPC (source: EP US)
E02F 3/3622 (2013.01 - EP US); **E02F 3/3627** (2013.01 - EP); **E02F 3/364** (2013.01 - EP); **E02F 3/365** (2013.01 - EP);
E02F 3/3663 (2013.01 - EP US); **E02F 9/226** (2013.01 - EP); **E02F 9/2296** (2013.01 - EP)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 2022034061 A1 20220203; AU 2021315671 A1 20230223; BR 112023000372 A2 20230131; CA 3189117 A1 20220203;
CN 116209812 A 20230602; EP 4189177 A1 20230607; EP 4189177 A4 20240821; JP 2023539989 A 20230921; WO 2022026778 A1 20220203;
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US 202117389307 A 20210729; AU 2021315671 A 20210729; BR 112023000372 A 20210729; CA 3189117 A 20210729;
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