

Title (en)
CONSTRUCTION EQUIPMENT WITH A QUICK COUPLER CIRCUIT

Title (de)
BAUMASCHINE MIT EINER SCHNELLKOPPLUNGSSCHALTUNG

Title (fr)
ÉQUIPEMENT DE CONSTRUCTION AVEC UN CIRCUIT DE COUPLEUR RAPIDE

Publication
EP 2584099 B1 20200923 (EN)

Application
EP 11798117 A 20110621

Priority

- JP 2010140514 A 20100621
- JP 2011064117 W 20110621

Abstract (en)
[origin: EP2584099A1] A switch (15) is configured so as to be operated with two positions of a locked position when an attachment is held and an unlocked position when an attachment is released. Furthermore, a control device (16) receives an operation signal that is output when the switch (15) is operated to the locked position or the unlocked position and switches and controls an electromagnetic switching valve (13) so that the pressure of a hydraulic pump begins to rise and so that, at a stage when a predetermined time has passed, the pressure raising in the hydraulic pump is stopped.

IPC 8 full level
E02F 3/40 (2006.01); **E02F 3/36** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP KR US)
E02F 3/365 (2013.01 - EP US); **E02F 3/3663** (2013.01 - EP US); **E02F 3/40** (2013.01 - KR); **E02F 3/96** (2013.01 - KR); **E02F 9/22** (2013.01 - KR); **E02F 9/2228** (2013.01 - EP US); **E02F 9/226** (2013.01 - EP US)

Cited by
EP3947827A4; EP3546655A4; ITBO20130357A1; EP2824243A1; EP3312350A1; WO2020196956A1; US11598067B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2584099 A1 20130424; EP 2584099 A4 20171108; EP 2584099 B1 20200923; CN 103119223 A 20130522; CN 103119223 B 20150722; JP 2012002034 A 20120105; JP 5462724 B2 20140402; KR 101400509 B1 20140528; KR 20130062322 A 20130612; US 2013160441 A1 20130627; WO 2011162233 A1 20111229

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