

Title (en)

Device for coupling and uncoupling an equipment item or a tool to/from the jib of a civil engineering and/or handling machine

Title (de)

An- und Abkopplungsvorrichtung für ein Gerät oder ein Werkzeug mit/von einem Ausleger einer Bau- und/oder Fördermaschine

Title (fr)

Dispositif de couplage et de découplage d'un équipement ou d'un outil à une/d'une flèche de machine de génie civil et/ou de manutention

Publication

**EP 2192239 B1 20110720 (FR)**

Application

**EP 09306151 A 20091127**

Priority

FR 0858171 A 20081201

Abstract (en)

[origin: EP2192239A1] The device has a body (1) holding an actuator assembly (2) for displacing a mobile hook (6a) by moving closer to or away from a fixed hook (1f) for gripping or releasing a tool of an equipment. The assembly has a displacement mechanism (3) with double control for utilization of a control in case of failure of another control. The former control is a mechanical control (4) with manual driving of the mechanism, and the latter control is a motorized control i.e. hydraulic motor (5), of the mechanism. The mechanism and the motorized control are assembled by aligning the mechanical control.

IPC 8 full level

**E02F 3/36** (2006.01)

CPC (source: EP)

**E02F 3/3618** (2013.01); **E02F 3/3622** (2013.01); **E02F 3/3659** (2013.01); **E02F 3/3663** (2013.01); **E02F 3/3668** (2013.01); **E02F 3/3672** (2013.01)

Cited by

DE102015210860A1; US10934680B2; WO2016198638A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2192239 A1 20100602**; **EP 2192239 B1 20110720**; AT E517213 T1 20110815; ES 2371198 T3 20111228; FR 2939159 A1 20100604

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