

Title (en)  
Coupler with attachment pin detection

Title (de)  
Koppler mit Befestigungsstifterkennung

Title (fr)  
Coupleur avec détection de broche de fixation

Publication  
**EP 2803768 A2 20141119 (EN)**

Application  
**EP 14167431 A 20140507**

Priority  
GB 201308490 A 20130512

Abstract (en)  
A coupler (10) for coupling an attachment to an excavator, the coupler including a pin detection system for detecting the presence of a attachment pin (126) against a pin-engaging surface (154) in its pin-receiving recess (160), and means for indicating to an operator that the pin has been detected. The pin detection system comprises a contact member (152) that is movable between a rest state and a displaced state. The system allows the operator to determine that the pin is correctly located in the recess before activating a latch to hold the pin.

IPC 8 full level  
**E02F 3/36** (2006.01); **E02F 9/24** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP GB)  
**E02F 3/3618** (2013.01 - EP); **E02F 3/3622** (2013.01 - EP GB); **E02F 3/3663** (2013.01 - EP); **E02F 9/24** (2013.01 - EP GB); **E02F 9/26** (2013.01 - EP GB)

Cited by  
EP3258016A3; US10895057B2; US11464312B2; WO2020002323A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 14167431 A 20140507**; AU 2014202562 A 20140512; GB 201308490 A 20130512