

Title (en)
IMPROVEMENTS IN AND RELATING TO COUPLERS

Title (de)
VERBESSERUNGEN AN UND IN ZUSAMMENHANG MIT KOPPLERN

Title (fr)
AMÉLIORATIONS APPORTÉES ET ASSOCIÉES À DES COUPLEURS

Publication
EP 3060724 A4 20170816 (EN)

Application
EP 14855461 A 20141022

Priority
• NZ 61692813 A 20131022
• NZ 2014000221 W 20141022

Abstract (en)
[origin: WO2015060730A1] A coupler for attaching an implement to a machine, the coupler including a body portion, a first jaw configured to engage a first attachment portion associated with the implement; a moveable jaw configured to engage a second attachment portion associated with the implement; and a first sensor located on the body portion configured to detect the presence of the implement adjacent to the body portion and to indicate one of a safe position in which the implement is securely held by the coupler and an unsafe position in which the implement is not securely held by the coupler.

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

CPC (source: EP US)
E02F 3/3618 (2013.01 - EP US); **E02F 3/3622** (2013.01 - EP US); **E02F 3/3663** (2013.01 - EP US); **E02F 9/264** (2013.01 - EP US)

Citation (search report)
• [Y] WO 2012085500 A2 20120628 - MILLER INT LTD [GB], et al
• [Y] US 6061617 A 20000509 - BERGER ALAN DANIEL [US], et al
• [Y] WO 2008138932 A2 20081120 - GEITH PATENTS LTD [IE], et al
• See references of WO 2015060730A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2015060730 A1 20150430; AU 2014337788 A1 20160609; EP 3060724 A1 20160831; EP 3060724 A4 20170816;
US 2016237656 A1 20160818

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