

Title (en)
APPARATUS FOR CONNECTION OF AN IMPLEMENT TO MACHINERY

Title (de)
VORRICHTUNG ZUM ANSCHLUSS EINES GERÄTES AN EINE MASCHINE

Title (fr)
APPAREIL DE LIAISON D'OUTIL À UNE MACHINE

Publication
EP 2419570 B1 20140507 (EN)

Application
EP 10796594 A 20100709

Priority
• AU 2010000877 W 20100709
• AU 2009903221 A 20090709

Abstract (en)
[origin: WO2011003151A1] Apparatus for connecting an implement (5) to an arm assembly of machinery, the implement (5) having first and second pin support plates (4, 6) each having first opposed apertures (9, 10) and second opposed apertures (11, 13). The apparatus includes a first pin and bush assembly (2) having a pin (28) and two pairs of bushes (32, 34) and (36, 38) for engagement with the pin (28). The pin (28) extends through the first opposed apertures (9, 10) and through eccentric apertures in each pair of bushes (32, 34), (36, 38) with the pair of bushes (32, 34) abutting respective sides of the first pin support plate (4) and the other pair of bushes (36, 38) abutting respective sides of the second pin support plate (6). The first pin and bush assembly (2) is moveable to adjust the spatial separation between the pin (28) and a second pin (40) located between the second opposed apertures (11, 13) and the length of pin (28) between inner bushes (34, 36) is varied to accommodate the dimensions of a pin engagement portion of the arm assembly.

IPC 8 full level
E02F 3/96 (2006.01); **E02F 3/36** (2006.01); **E02F 9/00** (2006.01)

CPC (source: EP US)
E02F 3/3636 (2013.01 - EP US); **Y10T 29/49959** (2015.01 - EP US); **Y10T 403/553** (2015.01 - EP US)

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 SE SI SK SM TR

DOCDB simple family (publication)
AU 2010202910 B1 20101028; EP 2419570 A1 20120222; EP 2419570 A4 20120627; EP 2419570 B1 20140507; US 2012227246 A1 20120913; WO 2011003151 A1 20110113

DOCDB simple family (application)
AU 2010202910 A 20100709; AU 2010000877 W 20100709; EP 10796594 A 20100709; US 201013383168 A 20100709