

Title (en)
DEVICE FOR COUPLING A LOADER TO A TRACTOR

Title (de)
VORRICHTUNG ZUR KOPPLUNG EINES LADERS AN EINEN TRAKTOR

Title (fr)
DISPOSITIF D'ACCOUPLEMENT D'UN CHARGEUR À UN TRACTEUR

Publication
EP 1774106 B1 20081022 (FR)

Application
EP 05775245 A 20050606

Priority
• FR 2005001374 W 20050606
• FR 0406285 A 20040610

Abstract (en)
[origin: WO2006003286A1] A device for coupling a loader to a tractor, wherein the hitching frame (1) of the loader is provided with two coupling projections (11, 12) or sockets (21, 22) and a latch (14) biased by a spring (15), the coupling head (2) of the tractor is provided with two complementary coupling members and locking means (25, 25'), and said latch (14) engages said locking means (25, 25') to lock the load onto the tractor. Said device is characterised in that the coupling head (2) includes pre-locking means (24, 24') engageable by said latch (14) in a pre-locking position in which said projections (11, 12) and sockets (21, 22) are not fully coupled, and the spring (15) continually urges said latch (14) into the locking or pre-locking position.

IPC 8 full level
E02F 3/627 (2006.01)

CPC (source: EP KR US)
E02F 3/38 (2013.01 - KR); **E02F 3/627** (2013.01 - KR); **E02F 3/6273** (2013.01 - EP US)

Cited by
DE102013222165A1; EP2857593A1; EP2857594A1; EP2857592A1; US9267263B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2871485 A1 20051216; FR 2871485 B1 20060901; AT E412089 T1 20081115; AU 2005259074 A1 20060112; CA 2569799 A1 20060112; CA 2569799 C 20120828; DE 602005010586 D1 20081204; EP 1774106 A1 20070418; EP 1774106 B1 20081022; ES 2315900 T3 20090401; JP 2008501879 A 20080124; KR 20070035031 A 20070329; NZ 552198 A 20091127; US 2007292254 A1 20071220; US 7549832 B2 20090623; WO 2006003286 A1 20060112

DOCDB simple family (application)
FR 0406285 A 20040610; AT 05775245 T 20050606; AU 2005259074 A 20050606; CA 2569799 A 20050606; DE 602005010586 T 20050606; EP 05775245 A 20050606; ES 05775245 T 20050606; FR 2005001374 W 20050606; JP 2007526488 A 20050606; KR 20077000531 A 20070109; NZ 55219805 A 20050606; US 62922505 A 20050606