

Title (en)

MALE COUPLING FOR CONNECTING TO FEMALE THREADED COUPLING

Title (de)

KUPPLUNGSSTECKER ZUM ANSCHLUSS AN EINE GEWINDEKUPPLUNGSBUCHSE

Title (fr)

COUPLAGE MÂLE POUR UNE CONNEXION À UN COUPLAGE FILETÉ FEMELLE

Publication

EP 2047168 A2 20090415 (EN)

Application

EP 07836461 A 20070803

Priority

- US 2007017310 W 20070803
- US 82131706 P 20060803

Abstract (en)

[origin: WO2008019043A2] A coupling assembly including first and second members arrangeable between uncoupled and coupled positions. The first member has a receiving portion sized to receive at least a portion of the second member and internal threads provided therein. The second member has an exterior surface. A ratcheting locking member is disposed about the exterior surface of the second member and configured to move between locking and releasing positions. The ratcheting locking member is also biased to the locking position and has a retaining formation configured to mesh with and engage the internal threads of the first member. Upon insertion of the second member into the first member, the retaining formation of the ratcheting locking member progressively engages the internal threads of the first member, thereby locking the first and second members together.

IPC 8 full level

F16L 21/06 (2006.01)

CPC (source: EP KR)

F16L 19/02 (2013.01 - KR); **F16L 19/065** (2013.01 - KR); **F16L 21/02** (2013.01 - KR); **F16L 25/009** (2013.01 - EP); **F16L 37/05** (2013.01 - KR); **F16L 37/1215** (2013.01 - EP); **F16B 37/0807** (2013.01 - EP)

Citation (search report)

See references of WO 2008019043A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008019043 A2 20080214; **WO 2008019043 A3 20080508**; AU 2007282005 A1 20080214; CA 2659838 A1 20080214; CN 101517301 A 20090826; EP 2047168 A2 20090415; JP 2009545715 A 20091224; KR 20090050064 A 20090519; MX 2009001316 A 20090316

DOCDB simple family (application)

US 2007017310 W 20070803; AU 2007282005 A 20070803; CA 2659838 A 20070803; CN 200780035436 A 20070803; EP 07836461 A 20070803; JP 2009522878 A 20070803; KR 20097004463 A 20090303; MX 2009001316 A 20070803