

Title (en)  
LOW INSERTION FORCE FLUID COUPLING

Title (de)  
STRÖMUNGSKUPPLUNG MIT GERINGER EINFÜHRUNGSKRAFT

Title (fr)  
RACCORD DE FLUIDE À FAIBLE FORCE D'INSERTION

Publication  
**EP 2237958 A4 20110105 (EN)**

Application  
**EP 08700342 A 20080116**

Priority  
AU 2008000044 W 20080116

Abstract (en)  
[origin: WO2009089566A1] A fluid coupling for establishing a sealed connection between a first conduit and a second conduit that has a seal seat and a compression member. The compression member is movable relative to the seal seat in which an annular seal is positioned. An engagement mechanism moves the second conduit from a disengaged position where there is no sealed fluid connection between the first and second conduits, to an engaged position where the compression member moves toward the seal seat to compress the annular seal to form a sealed fluid connection.

IPC 8 full level  
**B41J 2/17** (2006.01); **B41J 2/175** (2006.01)

CPC (source: EP)  
**B41J 2/175** (2013.01); **B41J 2/17523** (2013.01); **B41J 2202/21** (2013.01)

Citation (search report)

- [X] EP 1520711 A1 20050406 - BROTHER IND LTD [JP]
- [X] EP 1053876 A2 20001122 - CANON KK [JP]
- [X] US 6217164 B1 20010417 - HINO MOTOHITO [JP]
- [X] US 2002196312 A1 20021226 - ISHIZAWA TAKU [JP], et al
- [X] EP 1164025 A1 20011219 - SEIKO EPSON CORP [JP]
- See references of WO 2009089566A1

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

DOCDB simple family (publication)  
**WO 2009089566 A1 20090723**; EP 2237958 A1 20101013; EP 2237958 A4 20110105; EP 2237958 B1 20121003; TW 200932558 A 20090801; TW I439376 B 20140601

DOCDB simple family (application)  
**AU 2008000044 W 20080116**; EP 08700342 A 20080116; TW 97116122 A 20080501