

Title (en)  
CONNECTOR ASSEMBLY

Title (de)  
VERBINDERBAUGRUPPE

Title (fr)  
ENSEMBLE RACCORD

Publication  
**EP 2490603 A1 20120829 (EN)**

Application  
**EP 10774053 A 20101015**

Priority  
• US 25309309 P 20091020  
• US 2010052770 W 20101015

Abstract (en)  
[origin: WO2011049817A1] The present disclosure relates to a connector assembly (20,30) for use with a drill bit (10) in a surgical procedure. The connector assembly comprises first (20) and second (30) cannulated connectors, where the first connector is for coupling to the drill bit and the second connector is for coupling to a fluid delivery device or a fluid withdrawal device, such as a syringe. The diameter of the first connector can be larger than the diameter of the second connector, such that a drill fits over the second connector to couple with the first connector. The disclosure further relates to a drill bit assembly comprising a cannulated drill bit and first and second cannulated connectors. The drill bit may have threads or cutting teeth (18) and at least one fluid transfer slot (15), which might be located at an angle to the drill bit axis.

IPC 8 full level  
**A61B 17/16** (2006.01); **B23B 51/04** (2006.01)

CPC (source: EP)  
**A61B 10/025** (2013.01); **A61B 17/1615** (2013.01); **A61B 10/0283** (2013.01); **A61B 17/1637** (2013.01); **A61B 17/8897** (2013.01);  
**A61B 2010/0258** (2013.01)

Citation (search report)  
See references of WO 2011049817A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011049817 A1 20110428**; AU 2010308389 A1 20120517; AU 2010308389 B2 20160225; BR 112012009498 A2 20160517;  
CN 102711633 A 20121003; CN 102711633 B 20150715; EP 2490603 A1 20120829; JP 2013508081 A 20130307; JP 6038655 B2 20161207;  
RU 2012119245 A 20131127; RU 2570965 C2 20151220

DOCDB simple family (application)  
**US 2010052770 W 20101015**; AU 2010308389 A 20101015; BR 112012009498 A 20101015; CN 201080058213 A 20101015;  
EP 10774053 A 20101015; JP 2012535251 A 20101015; RU 2012119245 A 20101015