

Title (en)
SELF-DRILLING FRICTION BOLT

Title (de)
SELBSTBOHRENDER REIBROHRANKER

Title (fr)
BOULON À FRICTION AUTOTARAUDEUR

Publication
EP 2748432 A4 20160810 (EN)

Application
EP 12825784 A 20120822

Priority
• CL 2011002065 A 20110823
• US 2012051852 W 20120822

Abstract (en)
[origin: US2014154017A1] A reinforcement system includes an adapter, a friction bolt, a drilling rod coupled to the adapter, and a drill bit configured to drill an opening optimally sized for receiving the friction bolt. The drilling rod has a diameter that allows for introduction of the drilling rod into the friction bolt.

IPC 8 full level
E21D 21/00 (2006.01)

CPC (source: EP US)
E21D 21/004 (2013.01 - EP US); **E21D 21/0053** (2016.01 - EP US)

Citation (search report)
• [X] US 6648557 B1 20031118 - MORROW ROBERT J [AU], et al
• [I] US 2004084217 A1 20040506 - MOCIVNIK JOSEF [AT]
• See references of WO 2013028754A1

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)
US 2014154017 A1 20140605; AU 2012298905 A1 20130502; AU 2012298905 B2 20150205; CA 2846097 A1 20130228;
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US 201214235098 A 20120822; AU 2012298905 A 20120822; CA 2846097 A 20120822; CL 2011002065 A 20110823;
EP 12825784 A 20120822; US 2012051852 W 20120822; ZA 201309390 A 20131212