

Title (en)
DEVICE FOR VERTICALLY HOLDING PIPES

Title (de)
VORRICHTUNG ZUR VERTIKALEN HALTERUNG VON ROHREN

Title (fr)
DISPOSITIF DE FIXATION VERTICALE DE TUBES

Publication
EP 2013441 A1 20090114 (DE)

Application
EP 07711181 A 20070214

Priority
• DE 2007000266 W 20070214
• DE 102006020337 A 20060428

Abstract (en)
[origin: DE102006020337A1] The device has a catch with a tiltable locking device, which in a locked condition engaged behind a locking bolt with a catch section. A safety bolt and a securing plate are arranged in the area of the tilting locking device. The securing plate releases or closes a recess for the safety bolt depending on the position.

IPC 8 full level
E21B 19/06 (2006.01)

CPC (source: EP US)
E21B 19/06 (2013.01 - EP US)

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2009152409 A1 20090618; US 8079627 B2 20111220; AT E450690 T1 20091215; DE 102006020337 A1 20071031;
DE 502007002191 D1 20100114; EP 2013441 A1 20090114; EP 2013441 B1 20091202; SG 171615 A1 20110629;
WO 2007124706 A1 20071108

DOCDB simple family (application)
US 22664207 A 20070214; AT 07711181 T 20070214; DE 102006020337 A 20060428; DE 2007000266 W 20070214;
DE 502007002191 T 20070214; EP 07711181 A 20070214; SG 2011029337 A 20070214