

Title (en)  
Drilling assembly, in particular horizontal drilling assembly

Title (de)  
Bohranlage, insbesondere Horizontalbohranlage

Title (fr)  
Installation de forage, notamment installation de forage horizontal

Publication  
**EP 2388432 A3 20160127 (DE)**

Application  
**EP 11004194 A 20110520**

Priority  
• DE 102010021009 A 20100521  
• DE 102011010675 A 20110208

Abstract (en)  
[origin: EP2388432A2] The rig has electro-motors comprising components e.g. drill pipes drive (7), drill pipes rotation drive (8), drilling liquid processing device, pump (9) and drilling suspension mixing machine (10). A controller (1) is connected with the components of the motors via control lines (27, 28, 29, 210, 211). Work parameters for the drive and/or the rotation drive of the drill pipes are selected at a control stand (14), and the controller controls operational parameters of the components based on the work parameters. A sensor e.g. level sensor and power input sensor, is connected with the controller. An independent claim is also included for a method for distributing electric power and/or energy for operating an oil-well drilling rig.

IPC 8 full level  
**E21B 7/04** (2006.01)

CPC (source: EP)  
**E21B 7/046** (2013.01)

Citation (search report)  
• [XYI] US 2007007042 A1 20070111 - GARD MICHAEL F [US]  
• [XYI] WO 0151760 A2 20010719 - CHARLES MACHINE WORKS [US], et al  
• [Y] US 2009095527 A1 20090416 - LANE PHILIP R [US], et al  
• [A] US 5235259 A 19930810 - DHINDSA JASBIR S [US], et al  
• [A] US 2009312885 A1 20091217 - BUIEL EDWARD R [US]  
• [A] US 2007089907 A1 20070426 - HARTWIG SVERKER [SE], et al

Cited by  
CN115341888A; US11955782B1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2388432 A2 20111123; EP 2388432 A3 20160127**; DE 102011010675 A1 20111124

DOCDB simple family (application)  
**EP 11004194 A 20110520**; DE 102011010675 A 20110208