

Title (en)  
Drilling rod

Title (de)  
Bohrgestänge

Title (fr)  
Tiges de forage

Publication  
**EP 2495389 B1 20140507 (DE)**

Application  
**EP 11001832 A 20110304**

Priority  
EP 11001832 A 20110304

Abstract (en)  
[origin: EP2495389A1] The rod has rod elements provided with energy- and/or data lines connected with an inner induction coil (100) and an outer induction coil. The induction coils are inductively coupled with each other for transfer of data e.g. pressure value, along the rod. The inner induction coil is provided at external circumference of an inner pipe. The outer induction coil is provided at internal circumference of an outer pipe. The induction coils are formed of ring segment parts and overlap in sections along radial direction. The inner pipe is designed as one of rinsing pipe, concrete pipe and double pipe.

IPC 8 full level  
**E21B 17/02** (2006.01); **E21B 47/12** (2012.01); **F16L 25/01** (2006.01)

CPC (source: BR EP KR US)  
**E21B 17/02** (2013.01 - BR); **E21B 17/028** (2013.01 - BR EP KR US); **E21B 17/04** (2013.01 - BR); **E21B 17/043** (2013.01 - BR KR); **E21B 47/13** (2020.05 - EP KR US)

Cited by  
DE102019104273A1; DE102018006717A1; WO2020169267A1

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)  
**EP 2495389 A1 20120905; EP 2495389 B1 20140507**; BR 102012004818 A2 20140211; BR 102012004818 B1 20201229; CA 2766797 A1 20120904; CA 2766797 C 20140826; CN 102654034 A 20120905; CN 102654034 B 20150715; ES 2470769 T3 20140624; HK 1169692 A1 20130201; JP 2012184648 A 20120927; JP 5226885 B2 20130703; KR 101388184 B1 20140423; KR 20120100798 A 20120912; RU 2012103758 A 20130820; RU 2507395 C2 20140220; US 2012222858 A1 20120906; US 8794314 B2 20140805

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