

Title (en)
Shear pin connection

Title (de)
Schubdornverbindung

Title (fr)
Connexion de broche travaillant en cisaillement

Publication
EP 2146004 A3 20120104 (DE)

Application
EP 09009257 A 20090716

Priority
DE 102008033585 A 20080717

Abstract (en)
[origin: EP2146004A2] The system (2) has a sleeve part fixed to a component (40) using a reinforcement, and an arbor part fixed to another component (42) using another reinforcement. A connection between the components is formed by an arbor of the arbor part. The arbor is guided in a sliding sleeve of the sleeve part. A holding element holds the sliding sleeve and is provided on the former reinforcement. The holding element is made of two different materials and formed as a rectangular profile with two parallel surfaces. The surfaces are aligned parallel to joining-sided front sides of the components. The rectangular profile has a hollow space that is filled with a high-strength material such as high-strength concrete.

IPC 8 full level
E01C 11/14 (2006.01); **E04B 1/48** (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP)
E01C 11/14 (2013.01); **E04B 1/483** (2013.01)

Citation (search report)

- [X] EP 0943744 A1 19990922 - BONOMO RETO [CH]
- [A] WO 9925934 A1 19990527 - PECON AG [CH], et al
- [A] EP 0032105 A1 19810715 - ASCHWANDEN ULISSE C
- [A] WO 8402154 A1 19840607 - ERB ANTON

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CN105220834A; WO2012025106A3; EP3960944A1; DE102020005274A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2146004 A2 20100120; EP 2146004 A3 20120104; EP 2146004 B1 20151104; DE 102008033585 A1 20100218;
DE 102008033585 B4 20100429; ES 2556241 T3 20160114

DOCDB simple family (application)
EP 09009257 A 20090716; DE 102008033585 A 20080717; ES 09009257 T 20090716