

Title (en)

ASCENDING PIPE FOR GUIDING THICK SUBSTANCES

Title (de)

STEIGLEITUNG FÜR DIE FÖRDERUNG VON DICKSTOFFEN

Title (fr)

COLONNE MONTANTE POUR LE TRANSPORT DE MATIERES EPAISSES

Publication

EP 1875015 A2 20080109 (DE)

Application

EP 06723890 A 20060331

Priority

- EP 2006002928 W 20060331
- DE 102005019648 A 20050426

Abstract (en)

[origin: DE102005019648A1] One or more coupled pipes (14) forming the liquid concrete supply line, are supported by a fixed mounting. Further pipes (14) can be moved axially in guides (26) fixed to the construction. The lowest pipe is supported in a fixed mounting, the remainder above, are held in guides (26). The guide comprises two adjacent components (30) forming an opening (32) for the pipe. It includes sliding components (34) resting against the pipe in the opening. A lifting collar for raising the pipeline, is also claimed.

IPC 8 full level

E04G 21/04 (2006.01); **F16L 3/18** (2006.01)

CPC (source: EP KR US)

E04G 21/04 (2013.01 - EP KR US); **E04G 21/0427** (2013.01 - EP US); **F16L 3/18** (2013.01 - EP US); **Y10T 137/8807** (2015.04 - EP US)

Citation (search report)

See references of WO 2006114183A2

Citation (examination)

- US 4718459 A 19880112 - ADORJAN ALEXANDER S [US]
- US 4946117 A 19900807 - LIESEGANG GERHARD [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102005019648 A1 20061102; CN 101166878 A 20080423; EP 1875015 A2 20080109; JP 2009531564 A 20090903; JP 4839366 B2 20111221; KR 20080009084 A 20080124; RU 2007143548 A 20090610; RU 2391472 C2 20100610; US 2009277524 A1 20091112; WO 2006114183 A2 20061102; WO 2006114183 A3 20070426

DOCDB simple family (application)

DE 102005019648 A 20050426; CN 200680013953 A 20060331; EP 06723890 A 20060331; EP 2006002928 W 20060331; JP 2008508101 A 20060331; KR 20077023922 A 20071018; RU 2007143548 A 20060331; US 91917006 A 20060331