

Title (en)

DEVICE FOR INTERNALLY CLEANING PIPES

Title (de)

VORRICHTUNG ZUR INNEN-REINIGUNG VON ROHREN

Title (fr)

DISPOSITIF DESTINE AU NETTOYAGE INTERIEUR DE TUBES

Publication

EP 2534437 A2 20121219 (DE)

Application

EP 10807438 A 20101221

Priority

- DE 102010052517 A 20101126
- DE 102010010281 A 20100307
- DE 102010010280 A 20100307
- DE 102010007948 A 20100212
- DE 102010010282 A 20100307
- EP 2010007822 W 20101221

Abstract (en)

[origin: WO2011098112A2] According to the invention, guns and similar devices for cleaning cooling pipes are jammed in the pipes during the cleaning operation.

IPC 8 full level

F28G 1/12 (2006.01); **F28G 1/16** (2006.01); **F28G 15/08** (2006.01)

CPC (source: EP US)

F28G 1/12 (2013.01 - EP US); **F28G 1/163** (2013.01 - EP US); **F28G 15/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2011098112A2

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)

WO 2011098112 A2 20110818; WO 2011098112 A3 20111013; EP 2534437 A2 20121219; US 2013152966 A1 20130620

DOCDB simple family (application)

EP 2010007822 W 20101221; EP 10807438 A 20101221; US 201213524681 A 20120615