

Title (en)
PIPE WITH GUIDE ELEMENT

Title (de)
ROHR MIT LEITELEMENT

Title (fr)
TUYAU AVEC ÉLÉMENT DE GUIDAGE

Publication
EP 2417393 B1 20160713 (DE)

Application
EP 10718844 A 20100326

Priority

- DE 2010000358 W 20100326
- DE 102009016643 A 20090407

Abstract (en)
[origin: WO2010115402A1] The invention relates to a pipe for conducting through or discharging wet gases, particularly for conducting through or discharging flue gases subjected to wet scrubbing. At the inside wall, the pipe has a helically shaped guide element. As a result of said design, the drop entrainment and/or the drop ejection of pipe is reduced. Furthermore, a guide element for installation in such a pipe is described. The pipe is preferably a wet chimney.

IPC 8 full level
F23J 13/00 (2006.01); **F23M 9/00** (2006.01); **F23M 9/08** (2006.01)

CPC (source: EP KR US)
F23J 13/00 (2013.01 - EP KR US); **F23M 9/00** (2013.01 - KR); **F23M 9/003** (2013.01 - EP US); **F23M 9/08** (2013.01 - EP KR US);
Y10T 428/249922 (2015.04 - EP US)

Citation (examination)
JP 3326208 B2 20020917

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

DOCDB simple family (publication)
WO 2010115402 A1 20101014; CN 102449399 A 20120509; CN 102449399 B 20150923; DE 102009016643 A1 20101021;
DE 102009016643 B4 20181025; EP 2417393 A1 20120215; EP 2417393 B1 20160713; JP 2012522966 A 20120927; JP 5591911 B2 20140917;
KR 101651446 B1 20160826; KR 20120041692 A 20120502; PL 2417393 T3 20170331; RU 2011144827 A 20130520;
US 2012117929 A1 20120517; US 8986412 B2 20150324

DOCDB simple family (application)
DE 2010000358 W 20100326; CN 201080023472 A 20100326; DE 102009016643 A 20090407; EP 10718844 A 20100326;
JP 2012503860 A 20100326; KR 20117026104 A 20100326; PL 10718844 T 20100326; RU 2011144827 A 20100326;
US 201013262287 A 20100326