

Title (en)  
Screw vacuum pump

Title (de)  
Schraubenvakuumpumpe

Title (fr)  
Pompe à vide à vis

Publication  
**EP 2719899 B1 20170906 (DE)**

Application  
**EP 14150358 A 20100413**

Priority  
• DE 102009017886 A 20090417  
• EP 10713646 A 20100413

Abstract (en)  
[origin: WO2010119038A2] The invention relates to a screw-type vacuum pump which is used, in particular, for compressing in relation to atmospheric pressure, comprising a suction chamber (12) which is arranged in a pump housing (10). Two screw-type rotors (14) which engage with each other are arranged in the suction chamber (12). Said pump also comprises a pressure relief outlet (26) which comprises several pressure relief openings (28) arranged in a lateral wall (24) of the suction chamber (12).

IPC 8 full level  
**F04C 18/16** (2006.01); **F04C 25/02** (2006.01)

CPC (source: EP KR US)  
**F04C 18/16** (2013.01 - EP KR US); **F04C 25/02** (2013.01 - EP KR US); **F04C 28/26** (2013.01 - EP KR US); **F04C 29/124** (2013.01 - KR); **F04C 29/126** (2013.01 - EP KR US); **F04C 2250/10** (2013.01 - KR)

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)  
**DE 102009017886 A1 20101021**; CN 102395793 A 20120328; CN 102395793 B 20150401; EP 2419640 A2 20120222; EP 2419640 B1 20140115; EP 2419640 B2 20170913; EP 2719899 A1 20140416; EP 2719899 B1 20170906; JP 2012524202 A 20121011; JP 5665847 B2 20150204; KR 101695319 B1 20170111; KR 20110136898 A 20111221; TW 201042153 A 20101201; TW 201546373 A 20151216; TW I513903 B 20151221; TW I589779 B 20170701; US 2012039737 A1 20120216; US 8602759 B2 20131210; WO 2010119038 A2 20101021; WO 2010119038 A3 20110623

DOCDB simple family (application)  
**DE 102009017886 A 20090417**; CN 201080016680 A 20100413; EP 10713646 A 20100413; EP 14150358 A 20100413; EP 2010054842 W 20100413; JP 2012505148 A 20100413; KR 20117027054 A 20100413; TW 104126781 A 20100415; TW 99111726 A 20100415; US 201013264021 A 20100413