

Title (en)  
JET SUCTION PUMP

Title (de)  
SAUGSTRAHLPUMPE

Title (fr)  
EJECTEUR

Publication  
**EP 1861625 A1 20071205 (DE)**

Application  
**EP 06704618 A 20060110**

Priority  
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• DE 102005014431 A 20050324

Abstract (en)  
[origin: DE102005014431B3] The pump has a propulsive jet nozzle (13) with a round nozzle opening, a mixer tube (14), a suction opening at which a suction pipe (12) is arranged. A portion of the mixer tube is arranged in a pot (8). The pot is designed as a lid at an upper edge of a swirl pot. Base of the pot has a recess (17), which deviates from a flat surface such that the medium conveyed by the mixer tube with high velocity is swirled.

IPC 8 full level  
**F04F 5/46** (2006.01); **F04F 5/10** (2006.01)

CPC (source: EP US)  
**F04F 5/10** (2013.01 - EP US); **F04F 5/464** (2013.01 - EP US); **Y10T 137/85978** (2015.04 - EP US); **Y10T 137/86348** (2015.04 - EP US)

Citation (search report)  
See references of WO 2006100129A1

Cited by  
US11067044B2

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DOCDB simple family (publication)  
**DE 102005014431 B3 20060803**; CN 101147004 A 20080319; CN 101147004 B 20110706; EP 1861625 A1 20071205; EP 1861625 B1 20151021; US 2008193300 A1 20080814; US 8408880 B2 20130402; WO 2006100129 A1 20060928

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**DE 102005014431 A 20050324**; CN 200680009230 A 20060110; EP 06704618 A 20060110; EP 2006050111 W 20060110; US 90874506 A 20060110