

Title (en)
JET SUCTION PUMP

Title (de)
SAUGSTRAHLPUMPE

Title (fr)
EJECTEUR

Publication
EP 1861625 B1 20151021 (DE)

Application
EP 06704618 A 20060110

Priority
• EP 2006050111 W 20060110
• 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)

Cited by
US11067044B2

Designated contracting state (EPC)
DE ES FR GB IT

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

DOCDB simple family (application)
DE 102005014431 A 20050324; CN 200680009230 A 20060110; EP 06704618 A 20060110; EP 2006050111 W 20060110; US 90874506 A 20060110