

Title (en)  
INJECTION HEAD, MIXING SPACE AND POWER PLANT

Title (de)  
EINBLASKOPF, MISCHUNGSRAUM UND TRIEBWERK

Title (fr)  
TÊTE DE SOUFFLAGE, CHAMBRE DE MÉLANGE ET MOTEUR

Publication  
**EP 2029881 A1 20090304 (DE)**

Application  
**EP 07764664 A 20070615**

Priority  
• EP 2007005287 W 20070615  
• DE 102006029586 A 20060620

Abstract (en)  
[origin: WO2007147522A1] An injection head (24) is provided for injecting fluids into a mixing space (16), comprising a porous plate (58) with a concave first side (60), which faces toward the mixing space, and with a second side (62), a partition (66) with a first side, which faces toward the second side of the porous plate, and with a convex second side (70), at least one fluid supply space (36) which is arranged between the partition and the porous plate, and a plurality of injector elements (72) which run through the partition and the porous plate and in each case open out with an outlet (78) into the mixing space (16).

IPC 8 full level  
**F02K 9/52** (2006.01); **F02K 9/64** (2006.01)

CPC (source: EP US)  
**F02K 9/52** (2013.01 - EP US); **F02K 9/62** (2013.01 - EP US); **F02K 9/95** (2013.01 - EP US); **F23D 14/62** (2013.01 - EP US); **F23R 3/28** (2013.01 - EP US); **F05D 2250/711** (2013.01 - EP US); **F05D 2250/712** (2013.01 - EP US); **F05D 2300/603** (2013.01 - EP US); **F23C 2900/03005** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007147522A1

Citation (examination)  
US 3516254 A 19700623 - HAMMOND ROBERT M

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 102006029586 A1 20071227**; EP 2029881 A1 20090304; US 2011000981 A1 20110106; WO 2007147522 A1 20071227

DOCDB simple family (application)  
**DE 102006029586 A 20060620**; EP 07764664 A 20070615; EP 2007005287 W 20070615; US 31658808 A 20081212