

Title (en)
INLET DESIGN FOR A PUMP ASSEMBLY

Title (de)
EINLASSENTWURF FÜR EINE PUMPENBAUGRUPPE

Title (fr)
CONCEPTION D'ORIFICE D'ENTREE POUR ENSEMBLE POMPE

Publication
EP 2174007 A4 20170510 (EN)

Application
EP 08796051 A 20080630

Priority
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• US 94752107 P 20070702

Abstract (en)
[origin: WO2009006385A1] One embodiment includes a housing (14) and an impeller (34). The housing (14) comprises an inlet portion (24) which in turn defines an inlet passage (28). The inlet passage (28) leads to the impeller (34) and directs fluid flow substantially perpendicular with respect to an axis of rotation (38) of the impeller (34).

IPC 8 full level
F04D 5/00 (2006.01); **F04D 23/00** (2006.01)

CPC (source: EP US)
F04D 5/007 (2013.01 - EP US); **F04D 23/008** (2013.01 - EP US); **F05B 2250/503** (2013.01 - EP US)

Citation (search report)
• [X] US 2220538 A 19401105 - HAROLD NEIBERT
• [X] WO 03016718 A1 20030227 - ADVANCED ROTARY SYSTEMS LLC [US], et al
• [X] US 2364168 A 19441205 - SHALLENBERG WALTER A
• [X] US 6942446 B2 20050913 - PENZAR ZLATKO [DE], et al
• [X] US 2006590 A 19350702 - FERGUSON GALE L
• [X] US 2724338 A 19551122 - ROTH LEO C
• [X] US 1969881 A 19340814 - GARDNER ARCHIBALD D
• See references of WO 2009006385A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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