

Title (en)
Pump assembly

Title (de)
Pumpenanordnung

Title (fr)
Ensemble de pompe

Publication
EP 2725227 B1 20150520 (EN)

Application
EP 12189726 A 20121024

Priority
EP 12189726 A 20121024

Abstract (en)
[origin: EP2725227A1] housing sub-assembly for a pump assembly (230) for use in a selective catalytic reduction system, the housing sub-assembly comprising: a main body (232) having a pump axis (A), the main body comprising a pumping zone cavity (248) having a main axis substantially coincident with axis A, and comprising a flow guide cavity (252) disposed about axis A; an outer pole member (268) and a solenoid coil (264) disposed within the main body (232); wherein the main body further comprises a reagent inlet port (234) for receiving a reagent for supply to the pumping zone cavity (248) via a reagent flow path (246) and first and second coolant ports (236, 238) for supplying coolant to and removing coolant from the flow guide cavity (252); wherein the main body, first and second coolant ports and reagent inlet port are integrally formed as a single component (230).

IPC 8 full level
F04B 13/00 (2006.01); **F04B 17/04** (2006.01); **F04B 53/08** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP)
F04B 13/00 (2013.01); **F04B 17/042** (2013.01); **F04B 53/08** (2013.01); **F04B 53/16** (2013.01); **F01N 3/2066** (2013.01); **F01N 2610/1433** (2013.01)

Cited by
GB2555115A; CN109844275A; GB2555115B; US10876652B2; US10598075B2; US10753253B2; US10954837B2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2725227 A1 20140430; EP 2725227 B1 20150520; WO 2014063859 A1 20140501

DOCDB simple family (application)
EP 12189726 A 20121024; EP 2013068728 W 20130910