

Title (en)
Coolant pump system

Title (de)
Kältemittelpumpenaggregat

Title (fr)
Pompe de liquide de refroidissement

Publication
EP 2348219 B1 20160629 (DE)

Application
EP 10000704 A 20100125

Priority
EP 10000704 A 20100125

Abstract (en)
[origin: EP2348219A1] The assembly has a centrifugal pump (4) surrounded by a tubular container (18). An axial end of the container is sealingly connected to a motor housing of a drive motor (2) e.g. canned motor and electric drive motor. Another axial end (20) of the container is connected to the former axial end in a closed manner. The container comprises a closed wall and suction and pressure openings (24, 26) that extend away from the container in a radial direction. The openings are provided with connection flanges (30). The openings are directly welded to a connection line.

IPC 8 full level
F04D 29/08 (2006.01)

CPC (source: EP US)
F04D 1/06 (2013.01 - EP US); **F04D 13/0606** (2013.01 - EP US); **F04D 29/0413** (2013.01 - EP US); **F04D 29/086** (2013.01 - EP US); **F04D 29/426** (2013.01 - EP US); **F04D 29/445** (2013.01 - EP US)

Citation (examination)
• DE 1528795 A1 19691211 - LEDERLE PUMPEN & MASCHF
• DE 3014103 A1 19811015 - HERMETIC PUMPEN GMBH [DE]

Cited by
WO2014161647A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2348219 A1 20110727; EP 2348219 B1 20160629; CN 102135103 A 20110727; CN 102135103 B 20150819; US 2011182725 A1 20110728

DOCDB simple family (application)
EP 10000704 A 20100125; CN 201110031160 A 20110125; US 201113012287 A 20110124