

Title (en)
COMPRESSOR

Title (de)
Verdichter

Title (fr)
COMPRESSEUR

Publication
EP 2165076 A2 20100324 (EN)

Application
EP 09702998 A 20090106

Priority
• JP 2009000008 W 20090106
• JP 2008007715 A 20080117

Abstract (en)
[origin: WO2009090856A2] A compressor according to the present invention can reduce a flow resistance of refrigerant gas by providing a communicating tube outlet of a suction muffler with a protrusion that protrudes toward a direction to which the refrigerant gas flows rather than a direction of a suction hole (111) in a valve plate (112), and by providing the facing valve plate (112) with a inhalation pathway (132). This increases a suction mass of refrigerant per unit time (refrigerant circulation volume) and workload per unit time, and thus it is possible to realize a compressor with high efficiency.

IPC 8 full level
F04B 39/00 (2006.01); **F04B 39/10** (2006.01)

CPC (source: EP)
F04B 39/0061 (2013.01); **F04B 39/1066** (2013.01)

Citation (search report)
See references of WO 2009090856A2

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 TR

DOCDB simple family (publication)
WO 2009090856 A2 20090723; WO 2009090856 A3 20091015; CN 101743402 A 20100616; EP 2165076 A2 20100324; JP 2010529342 A 20100826; JP 4968343 B2 20120704

DOCDB simple family (application)
JP 2009000008 W 20090106; CN 200980000567 A 20090106; EP 09702998 A 20090106; JP 2009549333 A 20090106