

Title (en)  
COMPRESSOR UNIT

Title (de)  
VERDICHTEREINHEIT

Title (fr)  
UNITÉ DE COMPRESSEUR

Publication  
**EP 1999374 A1 20081210 (DE)**

Application  
**EP 07704600 A 20070215**

Priority  
• EP 2007051474 W 20070215  
• EP 06006059 A 20060324  
• EP 07704600 A 20070215

Abstract (en)  
[origin: WO2007110275A1] The invention relates to a compressor unit (1), in particular for underwater operation, comprising a compressor (3) with a rotational axis (60) and an electric motor (2). Said compressor unit (1) has a housing (4) with an automation unit (51) for control and regulation tasks. The aim of the invention is to improve the co-operation of the automation unit and the compressor unit and in particular to reduce the complexity of the cooling of the automation unit and signal and energy transmission. To achieve this, an additional housing (56), which contains the automation unit (51), is attached to the housing (4).

IPC 8 full level  
**F04D 17/12** (2006.01); **F04D 25/06** (2006.01); **F04D 29/42** (2006.01); **H02K 5/132** (2006.01)

CPC (source: EP US)  
**F04D 17/122** (2013.01 - EP US); **F04D 25/0686** (2013.01 - EP US); **F04D 29/4206** (2013.01 - EP US); **F04D 29/5813** (2013.01 - EP US); **F04D 29/5853** (2013.01 - EP US); **H02K 5/132** (2013.01 - EP US); **H02K 11/33** (2016.01 - EP US); **H02K 5/225** (2013.01 - EP US); **H02K 7/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007110275A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007110275 A1 20071004**; BR PI0709128 A2 20110628; CN 101410623 A 20090415; CN 101410623 B 20101208; EP 1999374 A1 20081210; NO 20084450 L 20081218; RU 2008142113 A 20100427; RU 2396466 C2 20100810; US 2009263265 A1 20091022

DOCDB simple family (application)  
**EP 2007051474 W 20070215**; BR PI0709128 A 20070215; CN 200780010492 A 20070215; EP 07704600 A 20070215; NO 20084450 A 20081022; RU 2008142113 A 20070215; US 22551707 A 20070215