

Title (en)

COMPRESSOR UNIT ENCLOSED IN A HOUSING

Publication

EP 0050770 B1 19841205 (DE)

Application

EP 81108136 A 19811009

Priority

DE 8028696 U 19801028

Abstract (en)

[origin: EP0050770A1] 1. A compressor unit enclosed by a rectangular housing comprising a drive motor (2), a screw compressor (5) and a ventilator wheel (3), wherein the ventilator wheel (3) is disposed between the motor (2) and the screw compressor (5) characterized in that there are provided a cooling air inlet at a face side of the rectangular housing (1) and a passage for the air intaken therethrough extending upwards over the ventilator wheel (3) and passing over to a horizontally extending section (13) followed by a section (14) extending upwards again and in an opposite direction to said horizontal section, which is disposed outside of the housing (1) at its upper side, wherein the outlet opening (15) of this exhaust air passage is directed to that side opposite to the air inlet (6).

IPC 1-7

F04B 39/06; **F04C 23/00**

IPC 8 full level

F04B 39/06 (2006.01); **F04C 23/00** (2006.01)

CPC (source: EP)

F04B 39/066 (2013.01); **F04C 23/00** (2013.01)

Cited by

EP0627558A1; DE3325193A1; FR2672941A1; CN103867418A; EP0581691A1; EP0479576A3; US5137434A; US6991436B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0050770 A1 19820505; **EP 0050770 B1 19841205**; AT E10668 T1 19841215; DE 3167649 D1 19850117; DE 8028696 U1 19810723

DOCDB simple family (application)

EP 81108136 A 19811009; AT 81108136 T 19811009; DE 3167649 T 19811009; DE 8028696 U 19801028