

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 compresor (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

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