

Title (en)
VENTILATION APPARATUS

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EP 0275896 B1 19910109 (DE)

Application
EP 88100293 A 19880112

Priority
DE 8700956 U 19870121

Abstract (en)
[origin: EP0275896A2] In order that the direction of flow (15 or 29) in a ventilation apparatus fitted with a radial fan (32) can be freely selected, i.e. air both introduced and extracted from a chamber with this ventilation apparatus, the fan housing (11) of the radial fan (32) of this ventilation apparatus can be rotated through 180<o> in the housing (1), preferably supported on the front wall (2) of the housing. The inlet opening (27) of the radial fan (32) can thereby be connected either to the first flow duct (13) or the second flow duct (14), the first flow duct (13) forming the connection between the radial fan and the interior of the chamber, whilst the second flow duct (14) creates a connection between the radial fan and the atmosphere. In an intermediate rotary position, which is preferably reached in each case after 90<o> rotation, the connection between the first flow duct (13) and the second flow duct (14) is shut off so that with the drive motor switched off no natural flow through the housing (1) can occur.
<IMAGE>

IPC 1-7
F04D 29/50

IPC 8 full level
F04D 29/50 (2006.01); **F24F 7/013** (2006.01)

CPC (source: EP)
F04D 29/503 (2013.01); **F24F 7/013** (2013.01)

Cited by
DE9002208U1; CN107795520A; EP2295881A1; DE9206729U1; DE102012014417A1; DE102012014417B4; CN107795521A; WO2014012528A2

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