

Title (en)  
SLIDE PLATE VENTILATION WITH A FAN DRIVEN BY A MOTOR

Publication  
**EP 0074486 B1 19860312 (DE)**

Application  
**EP 82106943 A 19820731**

Priority  
DE 3134515 A 19810901

Abstract (en)  
[origin: EP0074486A1] 1. Slide valve ventilation system with a motor-driven fan (16) the ventilation slide valve (6) of which is adjustable by means of a drive mechanism, a drive member (22, 23) of the drive mechanism being at the same time an actuation member for an electric switching device for an electric motor of the fan (16), or being connected in such a manner that the electric motor running at full speed is associated with the closed valve ventilation system, the idle system and the fully open ventilation system, the drive member (22, 23) being connected in motion with a sliding contact (21) of a potentiometer (20) of the electric switching device at least indirectly, which potentiometer is mounted in the electric circuit of the electric motor, the sliding contact (21) being connected at least indirectly through a rotatably mounted control member (34) with the drive member (22, 23), characterised in that the ventilation slide valve (6) forms part of a level, flat slide valve ventilation system and has a control slit (14, 37) which in association with an eccentrically arranged control pin (30, 36) of the drive member (22, 23) forms a sliding control arrangement (32, 40) for the conversion of the rotary motion of the drive member into a sliding motion of the ventilation slide valve (6), a specific speed of the electric motor being associated with each specific intermediate position of the sliding control arrangement (32, 40).

IPC 1-7  
**F24F 11/00; F24F 13/12**

IPC 8 full level  
**F24F 11/00** (2006.01); **F24F 13/02** (2006.01); **F24F 13/12** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)  
**F24F 13/02** (2013.01); **F24F 13/0263** (2013.01); **F24F 13/029** (2013.01); **F24F 13/12** (2013.01); **F24F 13/24** (2013.01)

Cited by  
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