

Title (en)  
FRAME

Publication  
**EP 0421128 A3 19910717 (DE)**

Application  
**EP 90116737 A 19900831**

Priority  
CH 357689 A 19891002

Abstract (en)  
[origin: EP0421128A2] A frame with flaps (3) arranged rotatably in it, for installation in a ventilation duct, consists of four frame profiles (25) which in each case have a web (26) and legs (27) connected thereto in a cross-sectionally U-shaped manner on one side as well as two dust protection legs (28) on the opposite side of the web. Between the two legs (27), the web (26) has, extending over the length of the frame profile and opening towards the frame interior, a T-groove (8). Into the latter, there are inserted, adjoining one another, a large number of rail-shaped bodies (9) as pivot mounting for in each case a hub (11), on which in each case a flap (3) and a toothed wheel (4) for pivoting the flap are arranged. In order to enclose the toothed wheels (4) in the manner of a housing, the dust protection legs (28) of the frame profile (25) extend with each of their free end edges into a groove (17) on the longitudinal narrow sides of further rail-shaped bodies (15) which are arranged on each of the hubs (11) between flap (3) and toothed wheel (4). As a result of this, all toothed wheels (4) are encapsulated in a dustproof manner in the frame. <IMAGE>

IPC 1-7  
**F24F 13/20**; **F24F 13/15**

IPC 8 full level  
**F24F 13/15** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP)  
**F24F 13/15** (2013.01); **F24F 13/20** (2013.01)

Citation (search report)  
• [AD] CH 667709 A5 19881031 - SCHMIDLIN AG  
• [A] GB 1598564 A 19810923 - ACTIONAIR EQUIP

Cited by  
DE19608017C1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0421128 A2 19910410**; **EP 0421128 A3 19910717**; CH 681173 A5 19930129

DOCDB simple family (application)  
**EP 90116737 A 19900831**; CH 357689 A 19891002