

Title (en)

Apparatus for the automatic actuation of ventilation flaps in installations for the escape of smoke and heat.

Title (de)

Vorrichtung zur Zwangsbetätigung von Lüftungsklappen für Rauch und Wärme.

Title (fr)

Dispositif pour la commande automatique des volets de ventilation pour l'extraction de la fumée et de chaleur.

Publication

EP 0308112 A1 19890322 (EN)

Application

EP 88308161 A 19880902

Priority

DE 3731247 A 19870917

Abstract (en)

The apparatus has a piercing piston (8) which is disposed in a housing (2), can be acted upon by spring force, can be held in an initial position by means of a securing means comprising a releasable detent (10) and can be transferred into an actuating position releasing an energy carrier. To ensure reliable automatic actuation in different cases of disaster, the piercing piston (8) is divided into two with a piston portion (11) which can be locked by the releasable detent (10) and a piston head (12) which is movable in relation to this piston portion by fluid pressure.

IPC 1-7

A62C 3/14

IPC 8 full level

A62C 2/06 (2006.01); **A62C 2/24** (2006.01)

CPC (source: EP)

A62C 2/248 (2013.01)

Citation (search report)

- DE 2454049 A1 19750515 - TENNECO CHEM
- DE 2946244 A1 19810521 - BATKE BERNHARD [DE]
- DE 3400142 A1 19850711 - EBERSPAECHER J [DE]
- EP 0216732 A1 19870401 - BELIMO AUTOMATION [CH]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0308112 A1 19890322; EP 0308112 B1 19920129; AT E72133 T1 19920215; DE 3731247 A1 19890330; DE 3868195 D1 19920312

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EP 88308161 A 19880902; AT 88308161 T 19880902; DE 3731247 A 19870917; DE 3868195 T 19880902