

Title (en)
Exhaust outlet for room ventilation

Title (de)
Entlüftungsauslass zur Belüftung eines Raumes

Title (fr)
Bouche d'extraction pour la ventilation d'une pièce

Publication
EP 0814307 A1 19971229 (FR)

Application
EP 97401350 A 19970613

Priority
FR 9607567 A 19960618

Abstract (en)
Ventilation extraction outlet comprises: a plate support (9); at least one auto-adjustable air extraction device, that does not allow air to return; at least one shutter (11); a controller; and a folding protection. The plate support (9) includes first openings grouped to allow them to be fixed at a wall. The first openings are positioned so that they are connected to at least one second opening. The controller (12) comprises: a clock-motor (25) with an output axis (26) parallel to that (24) of the shutter (11); a drum (29) keyed into the axis (26) to which is fixed the operating cord (13) that is wound around it; a means of locking (32, 33) the shutter (11) at the end of its pivots into two extreme positions of open or closed, expelling air; a connecting rod (36) and two cranks (37, 38), associated with the axes (24,26); the means (43, 44) controlling the relative pivoting of the second axis (43) of articulation of the rod (36) with respect to the drum (29) over a limited range, and the uni-directional locking in the two extremes of the movement; an elastic means (40) acting on the shutter (11) towards its open position. Also claimed are extrusion systems using such outlets, one including a cylinder.

Abstract (fr)
Bouche d'extraction pour la ventilation d'une pièce, comportant une platine support (9) ; au moins un dispositif auto-réglable et anti-retour d'extraction d'air ; au moins un volet (11) monté pivotant entre deux positions extrêmes ; un cordon de manoeuvre (13) du volet (11) ; et un capotage (14) ; un moteur-horloge (25) dont l'axe de sortie (26) est parallèle à celui (24) du volet (11) ; un tambour (29) calé sur l'axe (26), auquel est fixé le cordon de manoeuvre ; des moyens de blocage (32, 33) du volet (11) en fin de course de pivotement ; une bielle (36) et deux manivelles (37, 38), la première (37) étant associée à l'axe (24), et la seconde à l'axe (26) ; des moyens (43, 44, 45) autorisant un pivotement relatif du second axe (43) d'articulation de la bielle (36) par rapport au tambour (29) sur une course limitée, et le blocage uni-directionnel dans les deux positions extrêmes de fin de course ; et des moyens élastiques (40) sollicitant le volet (11) vers sa position d'ouverture. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
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• FR 2374591 A1 19780713 - AMPHOUX ANDRE [FR]
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