

Title (en)
Assembly for the operation of a damper door.

Title (de)
Gelenkanordnung zur Betätigung einer Klappe.

Title (fr)
Clapet avec système de commande.

Publication
EP 0443050 B1 19940323 (DE)

Application
EP 90100271 A 19900108

Priority
DE 8912132 U 19891012

Abstract (en)
[origin: EP0443050A2] An assembly serves for operation of a damper door, in particular an air hole damper door or dome, which can be pivoted about a fixed first rotation axis (2) from a closed position into an alarm position and back again, with at least one linear drive element. At its end a first traverse part (1) of the damper door is fitted pivotably at a point on the damper door remote from the rotation axis (2), whilst its second end is fitted pivotably about a first pivot axis (11) on a supporting lever (12), which in turn can pivot about a fixed second pivot axis (13) close to the rotation axis of the damper door. In order to achieve a large opening angle of the damper door with only the single linear drive element, a supplementary deflection lever (15) is fitted with a first end pivotably on the first pivot axis (11) of the door. The second end of the deflection lever engages pivotably on the traverse part (1) of the damper door at a distance from its rotation axis (2) and from the fixing point (7a) of the first end of the drive element.
<IMAGE>

IPC 1-7
A62C 2/24; **E05F 15/04**

IPC 8 full level
A62C 2/24 (2006.01); **E05F 15/04** (2006.01); **E05F 15/53** (2015.01); **F24F 13/14** (2006.01)

CPC (source: EP)
A62C 2/24 (2013.01); **E05F 15/53** (2015.01); **F24F 13/1426** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01); **E05Y 2900/154** (2013.01); **F24F 2013/1433** (2013.01); **F24F 2013/1466** (2013.01); **F24F 2013/1473** (2013.01)

Cited by
EP1669510A1; DE202009001076U1; DE102009059107A1; DE102007041383A1; DE19713298C1; FR2878883A1; DE19830678C2; EP0971091A3; DE102007041383B4; DE19922810C1; DE102006018485A1; DE102006018485B4; EP1847672A3; DE102009059107B4; EP0962236A2; EP0971091A2; WO2010086318A1; EP2031315A2; EP2391790A1

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

DOCDB simple family (publication)
EP 0443050 A2 19910828; **EP 0443050 A3 19911030**; **EP 0443050 B1 19940323**; AT E103191 T1 19940415; DE 59005118 D1 19940428; DE 8912132 U1 19900419; DK 0443050 T3 19940808; ES 2052974 T3 19940716; HU 208355 B 19930928; HU 900139 D0 19900328; HU T55082 A 19910429

DOCDB simple family (application)
EP 90100271 A 19900108; AT 90100271 T 19900108; DE 59005118 T 19900108; DE 8912132 U 19891012; DK 90100271 T 19900108; ES 90100271 T 19900108; HU 13990 A 19900115