

Title (en)
AERATOR FOR ROOFS OF INDUSTRIAL BUILDINGS

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EP 0405386 A3 19910508 (EN)

Application
EP 90112013 A 19900625

Priority
IT 3068089 U 19890627

Abstract (en)
[origin: EP0405386A2] An aerator for roof covers, particularly suited to industrial buildings comprises: a metal frame (1, 10) with a box-structure with or without a trestle, fixed to two or more beams, (2, 11) supporting the roof and lodged in an opening on the roof; a movable element (3, 15) consisting of a metal structure supporting at the top a cover (4, 18, 19) and having bars (14) vertically sliding within lodgings (13) belonging to the metal frame; means for the vertical drive of the movable element (3, 15) in relation to the metal frame (1, 10) suited to remove the movable element from the frame and to create a diaphragm with variable surface for the passage of the air between the movable element and the opening which is created by the lifting of the cover. In a preferred embodiment the driving means consist of a geared motor (25) with an idle shaft (24) presenting at each end a cog wheel (22, 23) engaging a rack (20, 21), wherein the geared motor is firmly connected with the frame and the racks are connected with the cover (18, 19).

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IPC 8 full level
F24F 7/02 (2006.01)

CPC (source: EP)
E04B 7/16 (2013.01); **F24F 7/02** (2013.01)

Citation (search report)
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