

Title (en)

DRAINAGE SYSTEM FOR HORIZONTALLY SLIDING DOORS OR WINDOWS

Title (de)

DRAINAGESYSTEM FÜR HORIZONTAL SCHIEBBARE TÜREN ODER FENSTER

Title (fr)

SYSTÈME DE DRAINAGE POUR PORTES OU FENÊTRES HORIZONTALES À GLISSIÈRES

Publication

EP 3708761 B1 20220223 (EN)

Application

EP 20161986 A 20200310

Priority

IT 201900003509 A 20190311

Abstract (en)

[origin: EP3708761A1] Drainage system (10) for horizontally sliding doors or windows, comprising a fixed transverse element (100) provided with at least one support rail (101) adapted to support at least one door or window leaf (200), at least one channel (102) extending parallel with respect to the rail (101) and at least one tubular duct (103) extending along the transverse element (100) and that has an outer lateral wall (104) and an upper wall (105) defining the bottom of the channel (102), wherein the upper wall (105) is crossed by at least one drainage opening (106) and the outer lateral wall (104) is crossed by at least one slot (107), a drainage tray (11) insertable into the tubular duct (103) through the slot (107) and which is adapted to extend under the drainage opening (106), wherein the drainage tray (11) has a front wall (12), which is adapted to cover the slot (107) and which is provided with at least one discharge opening (14), and a rear wall (13), which is opposed with respect to the front wall (12) and is adapted to be housed within the tubular duct (103), wherein the drainage tray (11) comprises at least one intermediate support (18) which is obtained in correspondence of at least a respective position defined between the front wall (12) and the rear wall (13) at a non-null distance with respect to the same and suitable for rotatably supporting at least a respective door (19) about an axis of rotation (A) transverse to the drainage tray (11) between a first position, in which it is lifted toward the front wall (12) away from the rear wall (13), and a second position, in which said door (19) is substantially parallel with respect to the front wall (12) thus realizing a septum dividing the drainage tray (11) into respective longitudinal compartments, wherein the drainage opening (106) opens into the downward compartment, with respect to the insertion direction of the drainage tray (11) into the tubular duct (103), of the septum.

IPC 8 full level

E06B 7/14 (2006.01); **E06B 3/46** (2006.01); **E06B 7/26** (2006.01)

CPC (source: EP)

E06B 7/14 (2013.01); **E06B 7/26** (2013.01); **E06B 3/46** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3708761 A1 20200916; **EP 3708761 B1 20220223**; ES 2913164 T3 20220531; IT 201900003509 A1 20200911

DOCDB simple family (application)

EP 20161986 A 20200310; ES 20161986 T 20200310; IT 201900003509 A 20190311