

Title (en)
INSULATING WINDOW OR FACADE STRUCTURE IN THE TRANSPARENT ZONE

Publication
EP 0262677 A3 19890201 (DE)

Application
EP 87114353 A 19871001

Priority
DE 3633620 A 19861002

Abstract (en)
[origin: US4815245A] The thermal-insulating window or the thermal-insulating facade faces in the transparent area are clamped in a frame (80) which is formed as composite profile with double insulation. The glazing (82) consists of a triple glazing, the panes (102, 104, 106) being connected via vapor-tight spacers (108, 110). The space between the panes is filled with noble gas. The outer faces of the panes (104, 106) are provided with an infrared-reflecting coating (112, 114). Arranged in front of the inner pane (106) is a face pane (118). By this construction of the frame (80) and the glazing (82) with the face pane (118) condensation at the inner side of the glazing (82) is prevented.

IPC 1-7
E06B 3/66; **E06B 3/26**; **E06B 3/64**

IPC 8 full level
E06B 3/263 (2006.01); **E06B 3/64** (2006.01); **E06B 3/67** (2006.01)

CPC (source: EP US)
E06B 3/26343 (2013.01 - EP US); **E06B 3/64** (2013.01 - EP US); **E06B 3/6715** (2013.01 - EP US); **Y10S 49/01** (2013.01 - EP US)

Citation (search report)
• [A] DE 2915255 A1 19791031 - SCHWEIZER AG E
• [A] DE 2426718 A1 19751204 - BAYER ISOLIERGLASFAB KG
• [A] EP 0117885 A1 19840912 - SULZER AG [CH]
• [A] DE 2809682 A1 19790913 - HAPKE HEINZ ING GRAD

Cited by
EP0922828A3; EP0523694A1; CN106255795A; EP3354835A1; RU2694378C2; EP0379471A3; CN105804587A; CN106460444A; RU2695526C2; CN113153077A; US9920568B2; DE202023102787U1; WO2015169668A1; WO2015169671A1

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

DOCDB simple family (publication)
EP 0262677 A2 19880406; **EP 0262677 A3 19890201**; CA 1291898 C 19911112; DE 3633620 A1 19880414; DE 3633620 C2 19901004; US 4815245 A 19890328

DOCDB simple family (application)
EP 87114353 A 19871001; CA 548438 A 19871002; DE 3633620 A 19861002; US 10351587 A 19871001