

Title (en)

Fire resistant hollow glass block

Title (de)

Hohlglasstein der Feuerwiderstandsklasse F

Title (fr)

Brique en verre creuse resistant au feu

Publication

EP 0853166 B1 20020731 (DE)

Application

EP 97122166 A 19971216

Priority

DE 19700751 A 19970111

Abstract (en)

[origin: EP0853166A2] The hollow glass brick, for single-shell fire resistant walls of fire resistance class F30, is composed of two glass half-shells (1,2), with a wall thickness of at least 18 mm forming the visible side (3). A separating wall of a glass pane (8) is between the glass half-shells (1,2), bonded to their side walls (4) by a steam diffusion seal. The visible walls (3) of the half-shells (1,2) are pref. 19-25 mm thick. At least one side of the dividing wall (8) has a coating (9) for infra red reflection through a pyrolytic preparation of a metal oxide and especially tin oxide with dosed fluor or a multiple vacuum deposited layer with a metal function layer.

IPC 1-7

E04C 1/42

IPC 8 full level

E04B 2/14 (2006.01); **E04C 1/42** (2006.01)

CPC (source: EP)

E04C 1/42 (2013.01)

Cited by

DE102005024557A1; DE102005024556A1; WO03093598A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 29721210 U1 19980122; CZ 291887 B6 20030618; CZ 3598 A3 19980715; DE 59707851 D1 20020905; EP 0853166 A2 19980715; EP 0853166 A3 19990728; EP 0853166 B1 20020731; ES 2179998 T3 20030201

DOCDB simple family (application)

DE 29721210 U 19971129; CZ 3598 A 19980107; DE 59707851 T 19971216; EP 97122166 A 19971216; ES 97122166 T 19971216