

Title (en)  
Fire resistant glass block

Title (de)  
Glassteinelement der Feuerwiderstandsklassen F

Title (fr)  
Brique en verre résistant au feu

Publication  
**EP 0853167 A3 19990728 (DE)**

Application  
**EP 97122167 A 19971216**

Priority  
DE 19700750 A 19970111

Abstract (en)  
[origin: EP0853167A2] The glass brick unit, for use in single shell walls with a fire resistance class F, is composed of two hollow glass bricks (1,10), bonded together by an adhesive mass (12) along a wall (6,7) forming a visible surface. The visible walls (6,7) of the hollow glass bricks (1,10) have a wall thickness of at least 18 mm. The adhesive mass (12) is transparent and is heat resistant, of a water glass base.

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)

Citation (search report)  
• [A] DE 2830504 A1 19800131 - VER GLASWERKE GMBH  
• [A] FR 2447353 A1 19800822 - SAINT GOBAIN VITRAGE [FR]

Cited by  
CN103397732A; EP1447491A1; FR2850991A1; EP3301239A1; CN107882255A; WO03093598A1; US10640976B2

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

DOCDB simple family (publication)  
**DE 29721211 U1 19980122**; CZ 292154 B6 20030813; CZ 3698 A3 19980715; DE 59705379 D1 20011220; EP 0853167 A2 19980715; EP 0853167 A3 19990728; EP 0853167 B1 20011114; ES 2166039 T3 20020401

DOCDB simple family (application)  
**DE 29721211 U 19971129**; CZ 3698 A 19980107; DE 59705379 T 19971216; EP 97122167 A 19971216; ES 97122167 T 19971216