

Title (en)  
Door leaf.

Title (de)  
Türblatt.

Title (fr)  
Vantail de porte.

Publication  
**EP 0513605 A1 19921119 (DE)**

Application  
**EP 92107450 A 19920430**

Priority  
DE 9106086 U 19910517

Abstract (en)

In a door leaf with an at least single-plied inner layer (1) and a multi-plied outer layer (2, 3) arranged on both sides, the inner layer (1) being surrounded by an inner frame (4) which is formed from rod-like elements and which is situated in an outer frame (5) which likewise consists of rod-like elements, it is proposed, to achieve high compressive strength and good sound insulation, to construct the inner frame (4) from multiplex rods (14 to 17) and to form the inner layer (1) from at least two, but preferably three or more part layers (6 to 9) arranged above one another. <IMAGE>

Abstract (de)

Bei einem Türblatt mit einer wenigstens einlagigen Innenschicht (1) und einer beidseits angebrachten, mehrlagigen Außenschicht (2,3), wobei die Innenschicht (1) von einem aus stabartigen Elementen gebildeten Innenrahmen (4) umfaßt ist, der sich in einem ebenfalls aus stabartigen Elementen bestehenden Außenrahmen (5) befindet, wird zur Erzielung einer hohen Druckfestigkeit und gutem Schallschutz vorgeschlagen, den Innenrahmen (4) aus Multiplex-Stäben (14 bis 17) aufzubauen, und die Innenschicht (1) aus zumindest zwei, vorzugweise aber drei oder mehr übereinander angeordneten Teilschichten (6 bis 9) auszubilden. <IMAGE>

IPC 1-7  
**E06B 3/72; E06B 5/20**

IPC 8 full level  
**E06B 3/72** (2006.01); **E06B 3/82** (2006.01); **E06B 5/20** (2006.01); **E06B 3/70** (2006.01)

CPC (source: EP)  
**E06B 3/825** (2013.01); **E06B 5/20** (2013.01); **E06B 2003/7025** (2013.01); **E06B 2003/7063** (2013.01); **E06B 2003/7067** (2013.01);  
**E06B 2003/7071** (2013.01)

Citation (search report)

- [X] DE 8634427 U1 19870219
- [Y] GB 2081787 A 19820224 - SVENSKA DOERR AB
- [Y] FR 2324849 A1 19770415 - LAURENT GEORGES [FR]
- [Y] FR 2238832 A1 19750221 - SAX WERKE AUGUST SACHSENEDER [AT]
- [Y] BE 489087 A
- [A] FR 1509126 A 19680112
- [A] US 3121262 A 19640218 - LONCOSKE RICHARD F
- [A] LU 68469 A1 19731207
- [A] DE 2525949 A1 19761223 - WESTAG & GETALIT AG
- [A] US 3462899 A 19690826 - SHERMAN PHILIP E

Cited by  
US2021355749A1; US2016265267A1; US9683405B2; ES2291116A1; DE202004002531U1; EP1026358A3; EP1540106A4; EP1566515A3;  
US9834981B2

Designated contracting state (EPC)  
AT BE CH DE GB IT LI LU NL

DOCDB simple family (publication)  
**EP 0513605 A1 19921119; EP 0513605 B1 19940330; EP 0513605 B2 19970903**; AT E103658 T1 19940415; DE 59200101 D1 19940505;  
DE 9106086 U1 19910919

DOCDB simple family (application)  
**EP 92107450 A 19920430**; AT 92107450 T 19920430; DE 59200101 T 19920430; DE 9106086 U 19910517