

Title (en)

BULLET-RESISTANT TRANSPARENT PANEL, AND METHOD AND PRESS FOR MAKING SAME.

Title (de)

KUGELSICHERE, DURCHSICHTIGE PLATTE UND VERFAHREN UND PRESSE ZU IHRER HERSTELLUNG.

Title (fr)

PANNEAU TRANSPARENT A L'EPREUVE DES BALLES, ET METHODE DE REALISATION PAR PRESSAGE DE CE PANNEAU.

Publication

**EP 0627988 A1 19941214 (EN)**

Application

**EP 93906252 A 19930226**

Priority

- IL 10246692 A 19920710
- US 9301757 W 19930226
- US 84333792 A 19920228

Abstract (en)

[origin: WO9316872A1] A transparent panel having unidirectional bullet-resisting characteristics, comprises an outer transparent panel (2) of an acrylic resin; an inner transparent sheet (3) of a polycarbonate resin; and a transparent adhesive (16) bonding the two sheets (2, 3) together. Also described are a method of making such a panel, and presses (18, 50) useful in making such a panel.

Abstract (fr)

Panneau transparent présentant des caractéristiques de résistance unidirectionnelles aux balles. Le panneau est constitué d'un panneau externe transparent (2), en résine acrylique, d'une feuille interne transparente (3) de résine polycarbonate et d'une liaison adhésive (16) transparente de ces deux éléments (2, 3). L'invention porte également sur le procédé de fabrication de ce panneau et sur les presses (18, 50) employées pour le réaliser.

IPC 1-7

**B32B 7/12**; **E04B 2/02**

IPC 8 full level

**B29C 65/48** (2006.01); **B32B 7/12** (2006.01); **B32B 17/10** (2006.01); **B32B 27/08** (2006.01); **B32B 27/30** (2006.01); **B32B 27/36** (2006.01); **E04C 2/54** (2006.01); **E05G 7/00** (2006.01); **F41H 5/04** (2006.01); **B29K 33/00** (2006.01); **B29K 69/00** (2006.01); **B29L 9/00** (2006.01)

CPC (source: EP US)

**B29C 65/483** (2013.01 - EP); **B29C 65/542** (2013.01 - EP); **B29C 66/1122** (2013.01 - EP); **B29C 66/301** (2013.01 - EP); **B29C 66/342** (2013.01 - EP); **B29C 66/45** (2013.01 - EP); **B29C 66/71** (2013.01 - EP); **B29C 66/712** (2013.01 - EP); **B29C 66/73152** (2013.01 - EP); **B29C 66/73366** (2013.01 - EP); **B29C 66/73521** (2013.01 - EP); **B29C 66/81457** (2013.01 - EP); **B29C 66/81463** (2013.01 - EP); **B29C 66/8242** (2013.01 - EP); **B29C 66/8322** (2013.01 - EP); **B32B 7/12** (2013.01 - US); **B32B 17/10064** (2013.01 - EP); **B32B 17/10761** (2013.01 - EP); **B32B 17/1077** (2013.01 - EP); **B32B 17/10816** (2013.01 - EP); **B32B 17/10889** (2013.01 - EP); **B32B 27/08** (2013.01 - EP US); **B32B 27/308** (2013.01 - US); **B32B 27/365** (2013.01 - US); **F41H 5/0407** (2013.01 - EP); **B29C 2793/0045** (2013.01 - EP); **B29C 2793/0081** (2013.01 - EP); **B29K 2995/007** (2013.01 - EP); **B32B 2307/412** (2013.01 - US); **B32B 2307/584** (2013.01 - US); **B32B 2333/00** (2013.01 - EP); **B32B 2369/00** (2013.01 - EP); **B32B 2571/02** (2013.01 - US)

Cited by

CN112221835A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9316872 A1 19930902**; AU 3735193 A 19930913; AU 672783 B2 19961017; CA 2131011 A1 19930902; CN 1077416 A 19931020; EP 0627988 A1 19941214; EP 0627988 A4 19950208; JP H07507383 A 19950810; TR 27217 A 19941209

DOCDB simple family (application)

**US 9301757 W 19930226**; AU 3735193 A 19930226; CA 2131011 A 19930226; CN 93102892 A 19930227; EP 93906252 A 19930226; JP 51509393 A 19930226; TR 23993 A 19930226