

Title (en)
BLAST-RESISTANT BARRIER

Title (de)
EXPLOSIONSSFESTE BARRIERE

Title (fr)
BARRIÈRE RÉSISTANT À L'EXPLOSION

Publication
EP 2209957 A2 20100728 (EN)

Application
EP 08872862 A 20081107

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• US 2008012574 W 20081107
• US 98398007 A 20071113

Abstract (en)
[origin: WO2009108167A2] A blast-resistant barrier comprising a plurality of units each including a panel having a thickness of greater than 20 to less than 40 millimeter is disclosed. The panel is in the form of a monolithic polycarbonate sheet or laminate that is positioned vertically between the source of a blast and the blast target, the laminate including at least two polycarbonate sheets and an optional image layer interposed therebetween. The panel is fixedly attached to a frame which is firmly embedded in concrete in a manner calculated to provide stiffness sufficient to absorb and withstand external forces resulting from said blast. In a preferred embodiment the panel includes at least two polycarbonate sheets laminated one to the other, optionally including an image layer interposed therebetween. In an additional embodiment, the frame is anchored securely to the target enabling dissipation of the blast force through the target's structure. The height of the blast-resistant barrier is preferably proportional to the height of the target.

IPC 8 full level
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