

Title (en)
Security door assembly.

Title (de)
Sicherheitstür.

Title (fr)
Structure de porte de sécurité.

Publication
EP 0152881 A2 19850828 (EN)

Application
EP 85101347 A 19850208

Priority
• GB 8403628 A 19840211
• GB 8415743 A 19840620
• ZA 8410035 A 19841221

Abstract (en)
A barrier structure particularly for use in protective doors designed to resist explosive charges applied to their outer surfaces, comprises a layer of timber 5 located between the outer and inner door plates 2 and 4. The purpose of the timber is to absorb the shock and thermal energy of an explosion occurring at or near the outer plate 2 and thus shield the rearward portion 4 of the structure from the damaging effects of the blast. Preferably the outer plate 2 is readily detachable from the remainder of the structure under the action of blast pressure transmitted to the interior of the structure, thereby permitting rapid dissipation of the blast and avoiding a concentration of pressure over a small area of the timber 5.

IPC 1-7
E06B 5/12

IPC 8 full level
E05G 1/024 (2006.01); **E06B 5/12** (2006.01)

CPC (source: EP)
E05G 1/024 (2013.01); **E06B 5/12** (2013.01)

Cited by
FR2870880A1; FR2658847A1; GB2367850A; GB2367850B

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0152881 A2 19850828; **EP 0152881 A3 19860528**; **EP 0152881 B1 19880831**; AU 3859985 A 19850815; DE 3564718 D1 19881006; GB 2154639 A 19850911; GB 2154639 B 19870603; GB 8503134 D0 19850313

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