

Title (en)
SECURITY BARRIER STRUCTURE

Publication
EP 0152880 A3 19860430 (EN)

Application
EP 85101346 A 19850208

Priority
GB 8403628 A 19840211

Abstract (en)
[origin: EP0152880A2] A barrier structure particularly for use in protective doors designed to resist explosive charges applied to their outer surfaces, comprises a multiplicity of water-filled containers 7 located behind the outer door plate 1. The purpose of the water is to absorb the shock and thermal energy of an explosion occurring at or near the outer plate 1 and thus shield the rearward portions 2,4 of the structure from the damaging effects of the blast. For thief-resisting applications (Figs 3 and 4, not shown) the structure also comprises various layers of different materials selected for resistance to other, non-explosive burglary tools, disposed rearwardly of the explosion-resistant water layer.

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)

Citation (search report)
• [X] CH 437045 A 19670531 - BAUER AG [CH]
• [A] US 3645216 A 19720229 - RADFORD ARTHUR S, et al
• [A] DE 2740194 A1 19790308 - SOMMER METALLBAU STAHLBAU GMBH
• [A] DE 2639691 A1 19780309 - BOCHUMER EISEN HEINTZMANN

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

DOCDB simple family (publication)
EP 0152880 A2 19850828; EP 0152880 A3 19860430; EP 0152880 B1 19880907; AT E37065 T1 19880915; AU 3860085 A 19850815; DE 3564844 D1 19881013; GB 2154256 A 19850904; GB 2154256 B 19870520; GB 8403628 D0 19840404; GB 8503133 D0 19850313; ZA 851007 B 19850925; ZA 851008 B 19850925

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