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54 **Security barrier structure.**

57 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 (Figures 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.

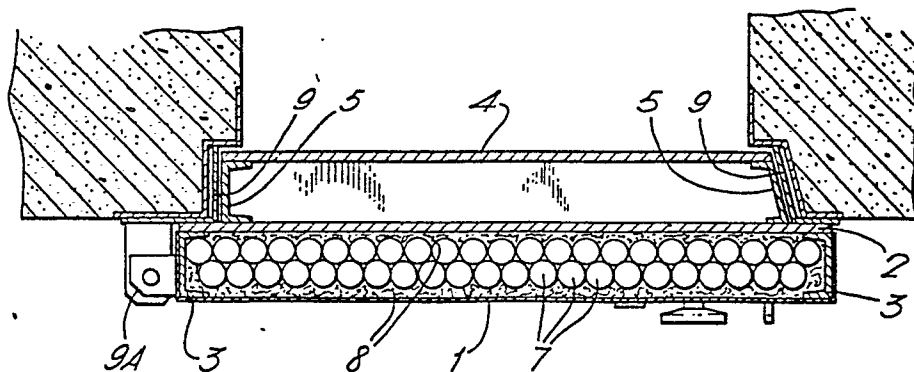


Fig.1.



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EUROPEAN SEARCH REPORT

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EP 85 10 1346

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	CH-A- 437 045 (BAUER AG) * complete document *	1,2	E 06 B 5/12 E 05 G 1/024
A	---	9	
A	US-A-3 645 216 (A.S. RADFORD et al.) * complete document *	6-8	
A	--- DE-A-2 740 194 (GEBR. SOMMER METALLBAU-STAHLLBAU GMBH & CO. KG) * figures 1, 2; page 8, paragraph 2; page 11, paragraph 2 *	7,8	
A	--- DE-A-2 639 691 (BOCHUMER EISENHÜTTE HEINTZMANN GMBH & CO.) * figure 1; page 12, paragraph 2 *	9	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) E 06 B 3/00 E 06 B 5/00 E 05 G 1/00 F 41 H 5/00

The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 17-01-1986	Examiner KRABEL A.W.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			