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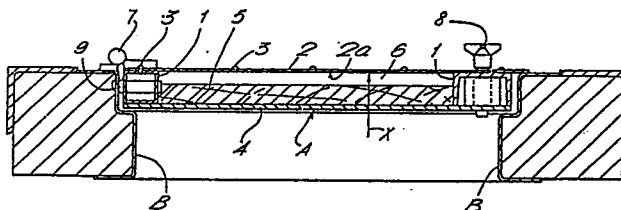
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⑤④ **Security barrier structure.**

⑤⑦ A barrier structure particularly for use in protective doors designed to resist explosive charges applied to their outer surfaces, comprises a layer of timber (5) located between the outer and inner door plates (2) and (4). The purpose of the timber (5) 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).





European Patent
Office

EUROPEAN SEARCH REPORT

0152881

Application number

EP 85 10 1347

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	AT-B- 370 204 (HAMERLE VINZENZ ING.) * complete document *	1, 2, 5, 6	E 06 B 5/12 E 05 G 1/024
X	US-A-3 093 098 (M.M. ROSENFELD) * complete document *	1, 8	
A		2, 4, 7	
X	DE-C- 135 849 (B. KÜCKEN) * complete document *	1	
A		8	
A	DE-U-8 224 631 (H. SÄLZER) * figure; page 11, paragraph 2 *	4	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	DE-A-2 740 194 (GEBR. SOMMER METALLBAU-STAHLLBAU GMBH CO KG) * figures 1,2; page 11, paragraph 2 *	7	E 06 B 3/00 E 06 B 5/00 E 05 G 1/00 F 41 H 5/00
A	DE-A-2 639 691 (BOCHUMER EISENHÜTTE HEINTZMANN GMBH & CO.) * figure 1; page 12, paragraph 1 *	8	
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 16-02-1986	Examiner KRABEL A.W.G.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			