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㉔ Applicant: **Chubb & Son's Lock and Safe Company Limited, 51 Whitfield Street, London W1P 6AA (GB)**

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Bulletin 84/20

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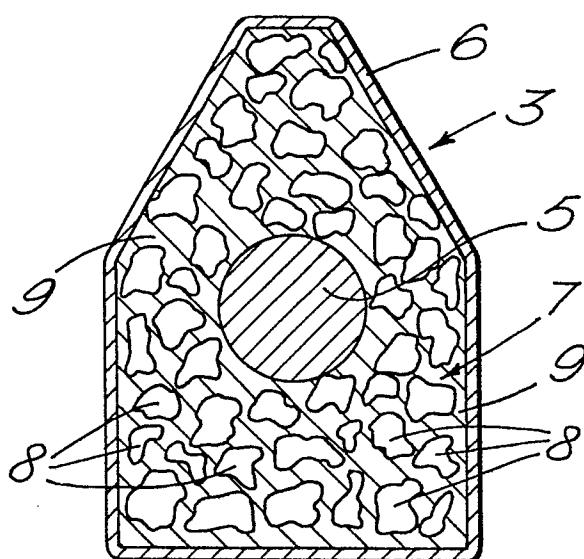
㉗ Designated Contracting States: **AT BE CH DE FR IT LI LU NL SE**

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㉚ **Security bars.**

㉛ A security bar (3) for use in grilles or gratings, for example to protect the window openings (2) in secure buildings against intrusion or escape. The bar (3) has a central steel core (5) to provide bending resistance, sheathed in a layer (7) of material having enhanced resistance to sawing and filing. The layer (7) preferably comprises nuggets (8) of alumina, silicon carbide or the like very hard material bound in a matrix (9) of polymer or cement, cast into the space between the core (5) and an outer finishing skin (6).



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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. 3)
X	DE-U-7 112 516 (H. WÄLTI) * Complete document *	1-3, 6	E 06 B 9/01
A	US-A-1 504 677 (C.R. CARTER) * Complete document *	1, 2, 5, 13	
A	US-A-3 552 938 (C. DRACA) * Figure 1; column 2, lines 48-64 *	1, 5	
A	DE-B-2 653 056 (BOCHUMER EISENHÜTTE HEINTZMANN GMBH & CO.) * Figures 1-3; column 5, lines 4-19 *	10, 13	
A	DE-A-2 925 624 (MASCHINENFABRIK H. GEIGER GMBH & CO.) * Figures 2-6 *	10, 13	TECHNICAL FIELDS SEARCHED (Int. Cl. 3) E 06 B 9/00 G 08 B 13/00
A	DE-U-7 922 696 (B. FIPKE et al.) * Figures 2-4; page 7, lines 8-14 *	11-13	
The present search report has been drawn up for all claims			

Place of search
BERLIN

Date of completion of the search
27-04-1984

Examiner
KRABEL A.W.G.

CATEGORY OF CITED DOCUMENTS

- X : particularly relevant if taken alone
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