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(54) **Roll-up safety grating.**

(57) The safety grid comprises a number of mutually parallel track profiles (1), which are held in a definite mutual distance by bridge elements (4), which are swingably suspended in tracks (3) in the track profiles (1). The bridge elements (4) have the same width and are positioned in a definite mutual distance.

Inserted between the bridge elements (4) there are other bridge elements (4') joining up to and resting against the bridge elements (4) along the edges (7).

The bridge elements (4) and (4') combine to form a closed rim (9), which at its ends are taken a distance into the guide rails (2) between the track profiles (1). The bridge elements (4') are made of a glass-clear transparent plastics material, preferably a polycarbonate.

The outer side of the bridge element (4') has a convex centre portion (10) and concave outer portions (11) which at the transition into a bead (5) have a tangent (t₁) common with it.

The inclination of the tangent (t₁) in the vertical position of the safety grid is less than or equal to the inclination (v₂) of the tangent (t₂) to the circular cross section in the tracks (3) at the outer edge (12) of the tracks (3).

The safety grid is difficult of access to attacks from the outside with tools in case of burglary. The track profiles (1) can therefore have a small cross section, they need no reinforcement, and they can consequently be made narrow. The transparent area of the safety grid can consequently be made correspondingly larger.

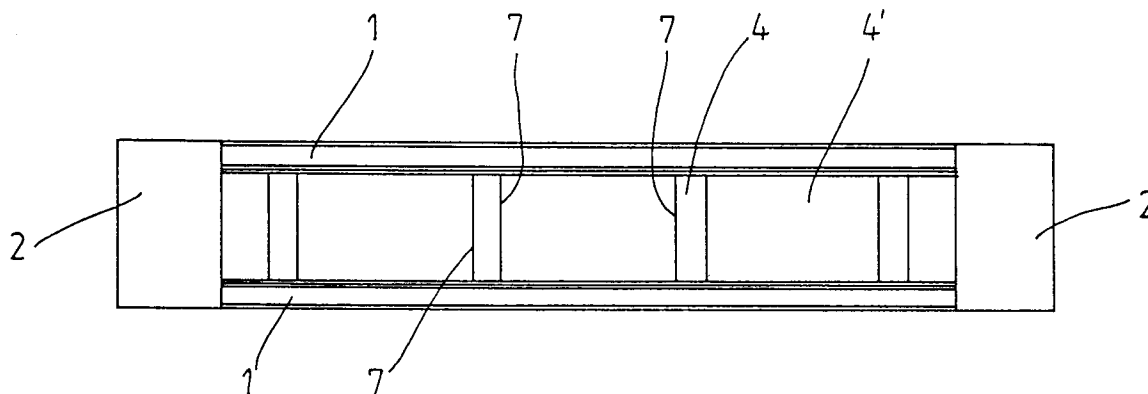


FIG 3



European Patent
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EUROPEAN SEARCH REPORT

Application Number

EP 91 61 0010

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.5)
X	EP-A-0 310 548 (SCHWEIZERISCHE ALUMINIUM AG) * the whole document *	1,2	E06B9/15
Y		5	
A		3,4	

X	GB-A-2 204 899 (SANWA SHUTTER CORP) * page 9, line 15 - page 11, line 13; figures *	1	

Y	GB-A-2 120 306 (SOLOMON) * page 2, line 100 - page 3, line 78; figures *	5	

P,X	DE-U-9 002 171 (SNARLI) * page 5, line 1 - line 5 * * page 5, line 25 - page 6, line 25; figures *	1	

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E06B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 APRIL 1992	Examiner KUKIDIS S.
<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</p> <p>..... & : member of the same patent family, corresponding document</p>			

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