

Title (en)
Roll-up safety grating.

Title (de)
Aufrollbare Sicherungsgitter.

Title (fr)
Grille de sécurité enroulable.

Publication
EP 0445064 A2 19910904 (EN)

Application
EP 91610010 A 19910225

Priority
NO 900967 A 19900301

Abstract (en)
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<1>) joining up to and resting against the bridge elements (4) along the edges (7). The bridge elements (4) and (4<1>) 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<1>) are made of a glass-clear transparent plastics material, preferably a polycarbonate. The outer side of the bridge element (4<1>) 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. <IMAGE>

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IPC 8 full level
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