

Title (en)

Fall preventing device for windows and balconies, children safety fence

Title (de)

Absturzsicherung für Fenster und Balkone Kinderschutzgitter

Title (fr)

Dispositif de protection contre la chute de fenêtres ou de balcons, grille de protection pour enfants

Publication

EP 1452663 A2 20040901 (DE)

Application

EP 04450030 A 20040218

Priority

AT 2962003 A 20030228

Abstract (en)

A child proof safety grille for fitting to windows, balconies and other sites comprises an array of flexible vertical wires stretched between upper and lower horizontal metal rods whose outer ends are attached to fittings to secure the grille. The fittings include support brackets and slotted fastenings to adjust the tension in the grille. The vertical wires have a thickness of between 3 and 5 mm and are spaced between 60 and 120 mm and can be stainless steel or coated metal. The wires are welded to the horizontal rods. The grilles are fitted to fixed frames or to vertical posts, e.g. for safety fencing. The grilles can also be made in standard sizes.

Abstract (de)

Absturzsicherung für Fenster und Balkone oder "Kinderschutzgitter" aus Stahl die elastisch biegeweich und dadurch federnd leicht verformbar sind, vorzugsweise aus je zwei oberen und unteren dünnen Abschlussstäben und ansonsten nur aus sehr dünnen vertikalen Rundstäben bestehen, die mit den horizontalen Abschlussstäben rechtwinklig schweisstechnisch verbunden sind ohne diese zu überragen. <IMAGE>

IPC 1-7

E04F 11/18; E04H 17/16

IPC 8 full level

E06B 9/01 (2006.01)

CPC (source: EP)

E06B 9/01 (2013.01)

Citation (applicant)

- GB 2194272 A 19880302 - ELIZA TINSLEY & CO LTD
- DE 1709357 A1 19721228 - LOEBBERT & CO
- FR 2376277 A1 19780728 - BEKAERT SA NV [BE]
- US 4553740 A 19851119 - BAILEY ALAN [ZA]
- US 1578217 A 19260323 - JOHN STUTTER

Citation (examination)

DE 3712618 A1 19881103 - LECHTENBOEHMER HANS [DE]

Designated contracting state (EPC)

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