

Title (en)
Security bars.

Title (de)
Sicherheitsstäbe.

Title (fr)
Barres de sécurité.

Publication
EP 0108553 A2 19840516 (EN)

Application
EP 83306499 A 19831026

Priority
GB 8231628 A 19821105

Abstract (en)
A security bar for use in grilles or gratings, for example to protect the window openings in secure buildings against intrusion or escape. The bar 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.

IPC 1-7
E06B 9/01

IPC 8 full level
E06B 9/01 (2006.01)

CPC (source: EP)
E06B 9/01 (2013.01)

Cited by
DE19625656A1; DE19625656C2; EP0973982A4; DE9210896U1; EP1561895A3; DE3700449A1; JP2020186524A; EP0965800A3; WO9410419A1

Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)
EP 0108553 A2 19840516; EP 0108553 A3 19840905; AU 2091383 A 19840510; GB 2129859 A 19840523; GB 2129859 B 19860917; GB 8328652 D0 19831130; HK 73487 A 19871016; IE 54660 B1 19891220; IE 832522 L 19840505; MY 8700657 A 19871231; SG 28987 G 19870710; ZA 838121 B 19840627

DOCDB simple family (application)
EP 83306499 A 19831026; AU 2091383 A 19831102; GB 8328652 A 19831026; HK 73487 A 19871007; IE 252283 A 19831027; MY 8700657 A 19871230; SG 28987 A 19870324; ZA 838121 A 19831031