

Title (en)
SECURITY BARRIER STRUCTURE

Publication
EP 0072085 B1 19870715 (EN)

Application
EP 82301798 A 19820405

Priority
GB 8114578 A 19810513

Abstract (en)
[origin: EP0072085A1] A panel for a security barrier has a rectangular hollow frame (12) within which is supported a lattice (14) of hollow tubular members that open into the hollow frame (12). A light source (32) and an optical receiver (34) are located in the frame and a fibre optic cable (36) provides a transmission path between the source (32) and receiver (34), the cable (36) extending through the hollow lattice members. Changes in the received light are used to generate an alarm signal. Preferably the fibre optic cable is multi-strand. In an alternative two fibre optic paths (210 : 212) are provided, extending in zig-zag fashion through the two directions of the lattice. The frame and lattice are preferably of glass-reinforced polyester and are bonded by epoxy resin. The lattice members may intersect one another or may be arranged into contacting layers spray bonded at the points of contact.

IPC 1-7
G08B 13/12; **G08B 13/18**

IPC 8 full level
G08B 13/12 (2006.01)

CPC (source: EP)
G08B 13/124 (2013.01)

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CH 5539309 A

Cited by
DE102006009796A1; FR2936638A1; CN103206158A; AU578629B2; EP2428941A1; EP0247940A1; FR2599532A1; ES2388301A1; GB2182182A; GB2182182B; AU587124B2; WO2016156116A1; WO2015181824A1

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