

Title (en)
GRATE WITH INCORPORATED ALARM SYSTEM

Publication
EP 0087076 B1 19860129 (EN)

Application
EP 83101279 A 19830210

Priority
IT 8551982 A 19820219

Abstract (en)
[origin: EP0087076A1] Into a grate (1), suited to create a barrier in openings to be protected against burglary, and made of steel with tubes or structural shapes, several pairs of conductors (2, 3; 4, 5) are introduced, which cross it in the horizontal and vertical directions and also in the anchorages (10), the pairs of conductors (2, 3; 4, 5) close on a resistance located inside the grate (1) and are electrically connected to a balancing electronic circuit which intercepts any variation of the global resistance of the circuit. Any tampering or breaking of the bars of the grate (1) causes the breaking or the short circuit of the electric conductors (2-5) and, therefore, a variation of the resistance, which is felt by the balancing circuit, which allows the opening of a relay being connected to the alarm station causing its activation.

IPC 1-7
E06B 9/01; **G08B 13/02**

IPC 8 full level
E06B 9/01 (2006.01); **G08B 13/02** (2006.01); **G08B 13/12** (2006.01)

CPC (source: EP)
E06B 9/01 (2013.01); **G08B 13/02** (2013.01); **G08B 13/126** (2013.01)

Cited by
CN102839902A; ITRM20120302A1; GB2503837A; GB2503837B; US9035770B2; WO2012120329A1

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