

Title (en)
CONTROLLED BARRIER

Publication
EP 0125443 B1 19870520 (DE)

Application
EP 84103375 A 19840327

Priority
DE 3312966 A 19830411

Abstract (en)
[origin: EP0125443A1] 1. A controllable barrier (1, 2), in particular for the protection of objects at nuclear power stations, comprising a controlled section (3), where from a determined deformation and/or in the event of a destruction of the barrier (1, 2) a signal is transmitted, characterised in that the control section (3) is formed by an ultrasonic beam (9) which travels in a cavity (6) of the undamaged barrier (1, 2) from a transmitter (8) to a receiver (8) and whose interruption triggers a signal, where the transmitter and receiver are arranged as a tandem ultrasonic head (8) at the one end of the controlled section (3) and a reflector (7) is arranged at the other end of the controlled section (3), with whose aid the ultrasonic beam (9) is guided from the transmitter (8) to the receiver (8).

IPC 1-7
G08B 13/12; **G08B 13/16**

IPC 8 full level
E06B 9/01 (2006.01); **G08B 13/12** (2006.01); **G08B 13/16** (2006.01)

CPC (source: EP)
E06B 9/01 (2013.01); **G08B 13/122** (2013.01)

Cited by
GB2182182B; EP0181464A3; WO0059759A1; WO8605837A1

Designated contracting state (EPC)
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DE 3312966 A1 19841011; DE 3463866 D1 19870625; EP 0125443 A1 19841121; EP 0125443 B1 19870520

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