

Title (en)  
DEVICE FOR DETECTING INTRUSION ON SECURITY FENCES

Title (de)  
VORRICHTUNG ZUR EINDRINGUNGSERKENNUNG AUF SICHERHEITSZÄUNEN

Title (fr)  
DISPOSITIF DE DÉTECTION D'INTRUSION DANS DES CLÔTURES DE SÉCURITÉ

Publication  
**EP 3059716 A4 20170517 (EN)**

Application  
**EP 14853916 A 20140422**

Priority  
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Abstract (en)  
[origin: EP3059716A1] The invention relates to a device for detecting intrusion on security fences, which is especially designed to be mounted on already existing security fences used to protect transportation infrastructure, although it can also be applied to other types of security fence, and allows detection of the site where the intrusion occurs, with the advantage of a practically zero percentage of false alarms. The device basically consists of: a plurality of multimodal fibre optic cables camouflaged by the metal mesh of the security fence, a series of signal analyzers housed in tight casings, with which at least a pair of fibre optic cables is associated; a variety of concentrators having a similar technology to that of the signal analyzers, housed in tight casings, with which at least a pair of fibre optic cables is associated, and provided with a connectivity module; a communication line for the signal analyzers and the concentrators; and a control centre with which the communication line communicates.

IPC 8 full level  
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CPC (source: EP)  
**G08B 13/12** (2013.01); **G08B 13/124** (2013.01)

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