

Title (en)  
ELECTRIC FENCE DEVICE

Publication  
**EP 0179435 B1 19911127 (DE)**

Application  
**EP 85113357 A 19851022**

Priority  
DE 3439015 A 19841025

Abstract (en)  
[origin: EP0179435A2] Electric fence devices (10) for connecting an electric fence (17), the electrical impedance of which can be varied in an unwanted and arbitrary manner by external influences, can be provided with effective testing and monitoring devices (12) for the condition of the electric fence even when they are equipped with a pulse generator circuit arrangement (13) having only a low internal electrical impedance. For this purpose, the testing and monitoring devices (12) should contain in combination electrical circuit sections (21) for determining an actual value corresponding to the electrical peak voltage of electrical pulses applied to the electric fence (17), devices (24) for developing a reference quantity for the pulse voltage and devices (25) for comparing the actual value determined and corresponding to the pulse voltage with this reference quantity and devices (27) for evaluating the result of the comparison, such as display, registration, alarm signalling and other means. The effectiveness of the testing and monitoring devices (12) can be improved even further by the fact that the pulse generator circuit arrangement (13) is associated with circuit sections for increasing the internal electrical impedance which are to be activated temporarily. Twin pulses can also be provided, of which one part pulse is formed with less internal impedance and the other part pulse is formed with higher internal impedance of the pulse generator circuit arrangement. <IMAGE>

IPC 1-7  
**G08B 13/12**; **G08B 13/24**; **G08B 13/26**; **H05C 1/04**

IPC 8 full level  
**G08B 13/12** (2006.01); **G08B 13/24** (2006.01); **G08B 13/26** (2006.01); **H05C 1/04** (2006.01)

CPC (source: EP)  
**G08B 13/122** (2013.01); **G08B 13/26** (2013.01)

Citation (examination)  
WO 8200936 A1 19820318 - HUTCHINSON & SONS PTY LTD NORM [AU], et al

Cited by  
FR2673020A1; FR2654239A1; CN102722950A; DE4115630A1; EP0390227A3; EP0304045A1; DE3727787A1; CN114333272A; WO2005022174A1

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

DOCDB simple family (publication)  
**EP 0179435 A2 19860430**; **EP 0179435 A3 19880713**; **EP 0179435 B1 19911127**; AT E69905 T1 19911215; DE 3439015 A1 19860430; DE 3439015 C2 19890803; DE 3584760 D1 19920109

DOCDB simple family (application)  
**EP 85113357 A 19851022**; AT 85113357 T 19851022; DE 3439015 A 19841025; DE 3584760 T 19851022