

Title (en)  
SYSTEMS AND METHODS FOR ADAPTIVELY CONTROLLING A TRANSMITTER FIELD

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR ADAPTIVEN STEUERUNG EINES SENDEFELDES

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE CONTRÔLE ADAPTATIF D'UN CHAMP D'ÉMETTEUR

Publication  
**EP 3809383 A1 20210421 (EN)**

Application  
**EP 20212263 A 20150727**

Priority  

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- US 201414466046 A 20140822
- EP 15745119 A 20150727
- US 2015042169 W 20150727

Abstract (en)  
Systems (100) and methods (600-800) for adaptively controlling a transmitter field in an Electronic Article Surveillance ("EAS") detection system. The methods comprise: detecting, by at least one first proximity sensor (108a, 108b), a presence of a first person located in proximity to a pedestal (102a, 102b) of the EAS detection system; determining a first distance from the first proximity sensor to the first person; and using the first distance to adaptively control the transmitter field of the EAS detection system.

IPC 8 full level  
**G08B 13/24** (2006.01); **G08B 13/16** (2006.01)

CPC (source: EP KR)  
**G08B 13/1645** (2013.01 - EP KR); **G08B 13/248** (2013.01 - EP KR)

Citation (applicant)  

- US 4510489 A 19850409 - ANDERSON III PHILIP M [US], et al
- US 4510490 A 19850409 - ANDERSON III PHILIP M [US], et al

Citation (search report)  

- [X] WO 0115103 A1 20010301 - SENSORMATIC ELECTRONICS CORP [US]
- [A] US 2012044074 A1 20120223 - MULLA ALTAF [US]
- [A] EP 0435198 A2 19910703 - CHECKPOINT SYSTEMS INC [US]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2016022313 A1 20160211**; AU 2015298607 A1 20170323; AU 2015298607 B2 20170413; CA 2961875 A1 20160211; CA 2961875 C 20230926; CN 106716506 A 20170524; CN 106716506 B 20210903; EP 3178075 A1 20170614; EP 3178075 B1 20201209; EP 3809383 A1 20210421; EP 3809383 B1 20231227; KR 102531482 B1 20230510; KR 20170053622 A 20170516

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**US 2015042169 W 20150727**; AU 2015298607 A 20150727; CA 2961875 A 20150727; CN 201580052293 A 20150727; EP 15745119 A 20150727; EP 20212263 A 20150727; KR 20177006070 A 20150727