

Title (en)

APPARATUS AND METHOD OF ELECTRONIC DUPLICATION PREVENTION OF REMOTE ENTRY SIGNAL

Publication

**EP 0515860 A3 19930818 (EN)**

Application

**EP 92107365 A 19920430**

Priority

US 70586991 A 19910526

Abstract (en)

[origin: EP0515860A2] A remote entry device for enabling vehicle access which utilizes a friend/foe screening technique comprising an initial sequence of four paired pulses transmitted sequentially. Each pair is transmitted at respectively larger amplitudes which have been selected as appropriate for communication at a corresponding distance of transmission. Upon receipt, the receiver amplifies the pulses and effects a screening process which is a result of the band pass properties of the preamplifier. The output of the preamplifier is then supplied to a microprocessor as pairs of signals which are compared to a reference pair. Once an appropriate pulse pair is received, a window is opened and the specific vehicle code may be transmitted and correspondingly received in serial fashion. Upon receipt of an appropriate friend/foe signal and I.D. code, the central locking command may be actuated to implement the intended command. <IMAGE>

IPC 1-7

**E05B 49/00**

IPC 8 full level

**G01S 7/48** (2006.01); **G01S 17/74** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

**G07C 9/00182** (2013.01); **G07C 2009/00785** (2013.01)

Citation (search report)

- [A] EP 0017448 A1 19801015 - WALTON CHARLES A
- [A] GB 2196203 A 19880420 - APT CONTROLS LTD

Cited by

AU2013100498B4; FR2792790A1; EP0668198A4; US5638056A; WO9406988A1

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