Title (en)

Method and device for learning an IR code

Title (de)

Verfahren und Vorrichtung zum Lernen eines Infrarotkodes

Title (fr)

Méthode et appareil pour l'apprentissage d'un code infrarouge

Publication

EP 0763806 A1 19970319 (EN)

Application

EP 96401833 A 19960827

Priority

GB 9518966 A 19950915

Abstract (en)

A learning remote control device for learning IR codes of remote units comprises a controlling means, a memory means connected to the controlling means, an IR transmission means, and a first IR receiving means connected to the controlling means, wherein the learning remote control device further comprises a second IR receiving means. A method for learning an IR codes of e.g. satellite boxes comprises the following steps: a) determining whether the incoming signal is of a pulse type or a modulated type; b) determining whether the incoming signal comprises toggle bits; c) determining the data codes; d) determining the transmission format; e) testing the learned codes and formats. <IMAGE>

IPC 1-7

G08C 19/28; G08C 23/04

IPC 8 full level

H04Q 9/00 (2006.01); **G08C 19/28** (2006.01); **G08C 23/04** (2006.01)

CPC (source: EP)

G08C 19/28 (2013.01); **G08C 23/04** (2013.01); G08C 2201/20 (2013.01)

Citation (search report)

- [Y] EP 0320067 A2 19890614 - PHILIPS CORP [US]
- [YDA] EP 0380371 A2 19900801 - SHARP KK [JP]
- [Y] US 5365282 A 19941115 - LEVINE MICHAEL R [US]
- [ADX] DE 4308441 A1 19940922 - THOMSON BRANDT GMBH [DE]
- [AX] US 5438325 A 19950801 - NISHIGAKI TETSUO [JP], et al

Cited by

US7579961B2; CN103761860A; EP0935226A3; DE102005024204A1; WO2006125611A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0763806 A1 19970319; DE 69632930 D1 20040819; DE 69632930 T2 20050105; EP 1209642 A1 20020529; EP 1209642 B1 20040714; GB 2305276 A 19970402; GB 9518966 D0 19951115; JP H09139987 A 19970527

DOCDB simple family (application)

EP 96401833 A 19960827; DE 69632930 T 19960827; EP 02001728 A 19960827; GB 9518966 A 19950915; JP 24365696 A 19960913