

Title (en)
IDENTIFICATION METHOD AND IDENTIFICATION APPARATUS

Title (de)
IDENTIFIZIERUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCEDE ET APPAREIL D'IDENTIFICATION

Publication
EP 0783744 A1 19970716 (EN)

Application
EP 95930554 A 19950919

Priority
• FI 9500509 W 19950919
• FI 944449 A 19940926

Abstract (en)
[origin: WO9610241A1] This invention relates to an identification method and an identification apparatus for identifying an object that enters a certain zone, comprising transmitter means (1, 7, ANT) for generating a first electromagnetic field with a predetermined frequency in the zone, and measurement means (ANT, AMP, 2, 3, 6, 7) for measuring the first field in said zone. For accomplishing an apparatus reliable and immune to disturbances, the apparatus further comprises transmitter means (1, 7, ANT) for generating a second electromagnetic field of a predetermined frequency in said zone, the frequencies of the first and the second field deviating from each other, measurement means (ANT, AMP, 2, 3, 6, 7) for measuring the second electromagnetic field in said zone, and a control circuit (3) for comparing the values measured by the measurement means (3) with predetermined reference values, and for identifying, on the basis of said comparison, an object that enters the zone.

IPC 1-7
G08B 13/24

IPC 8 full level
G08B 13/24 (2006.01)

CPC (source: EP)
G08B 13/2422 (2013.01); **G08B 13/2454** (2013.01); **G08B 13/2471** (2013.01)

Citation (search report)
See references of WO 9610241A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9610241 A1 19960404; AU 3389795 A 19960419; CA 2200075 A1 19960404; EP 0783744 A1 19970716; FI 944449 A0 19940926; FI 95514 B 19951031; FI 95514 C 19960212; JP H10506210 A 19980616; NO 971414 D0 19970325; NO 971414 L 19970516

DOCDB simple family (application)
FI 9500509 W 19950919; AU 3389795 A 19950919; CA 2200075 A 19950919; EP 95930554 A 19950919; FI 944449 A 19940926; JP 51141996 A 19950919; NO 971414 A 19970325