

Title (en)

TOUCH-SCREEN DISPLAY DEVICE WITH REDUCED INTERFERING ELECTROMAGNETIC RADIATION EMISSION

Title (de)

TOUCHSCREEN-ANZEIGEVORRICHTUNG MIT REDUZIERTER ELEKTROMAGNETISCHER STÖRSTRAHLENEMISSION

Title (fr)

DISPOSITIF D'AFFICHAGE À ÉCRAN TACTILE À ÉMISSION ÉLECTROMAGNÉTIQUE INTERFÉRANTE RÉDUITE

Publication

EP 3365940 B1 20220831 (FR)

Application

EP 16809911 A 20161020

Priority

- FR 1560105 A 20151022
- FR 2016052714 W 20161020

Abstract (en)

[origin: WO2017068290A1] The invention relates to a display device (DA) forming part of a piece of electronic equipment (EE) comprising an antenna (AR) that can receive radio waves. The device (DA) comprises: a touch screen (ET) equipped with a printed circuit board which controls display means and which, during operation, emits electromagnetic waves; and a conducting wire (FC) having a first end coupled to an earth point of the printed circuit board and a second end that is free, said conducting wire defining an auxiliary antenna that can capture at least part of the energy of the electromagnetic waves such as to reduce electromagnetic interference caused by the electromagnetic waves.

IPC 8 full level

H01Q 1/52 (2006.01)

CPC (source: EP)

H01Q 1/52 (2013.01)

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 2017068290 A1 20170427; CN 108140942 A 20180608; EP 3365940 A1 20180829; EP 3365940 B1 20220831; FR 3042916 A1 20170428; FR 3042916 B1 20171201

DOCDB simple family (application)

FR 2016052714 W 20161020; CN 201680061491 A 20161020; EP 16809911 A 20161020; FR 1560105 A 20151022