

Title (en)

Warning light device with at least two warning lights

Title (de)

Warnleuchtvorrichtung mit wenigstens zwei Warnleuchten

Title (fr)

Dispositif de lampe de signalisation doté d'au moins deux lampes de signalisation

Publication

EP 2209099 B1 20111026 (DE)

Application

EP 09013655 A 20091030

Priority

DE 102008055799 A 20081104

Abstract (en)

[origin: EP2209099A1] The device has a screen for visually indicating an operating state of different operating states of warning lamps serving as a signaling column (1) and a central signal column. An electronic warning lamp connection (6), a central computer, a wireless antenna and a router are provided for transmitting data and/or control signals between the warning lamps and the screen. The screen comprises an alternating module (2) with a lighting element. An electronic control device is provided with a technical device such as machine (30), plant and vehicle.

IPC 8 full level

G08B 5/36 (2006.01); **F21S 8/00** (2006.01)

CPC (source: EP US)

F21S 8/00 (2013.01 - EP US); **G08B 5/36** (2013.01 - EP US); **F21W 2111/02** (2013.01 - EP US)

Cited by

EP3842878A1; CN109306558A; CN110582596A; DE102019115615A1; DE102019122477A1; EP3007517A1; DE202019005766U1; EP3957783A1; WO2017076569A1; DE102015103708A1; WO2016146101A1; WO2018202391A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

US 2010109900 A1 20100506; **US 8456322 B2 20130604**; AT E531015 T1 20111115; CN 101739781 A 20100616; CN 101739781 B 20140416; DE 102009051412 A1 20100506; EP 2209099 A1 20100721; EP 2209099 B1 20111026; JP 2010153363 A 20100708; JP 5253356 B2 20130731

DOCDB simple family (application)

US 58896909 A 20091104; AT 09013655 T 20091030; CN 200910209379 A 20091104; DE 102009051412 A 20091030; EP 09013655 A 20091030; JP 2009253447 A 20091104