

Title (en)
Identification of passive components for electronic devices

Title (de)
Identifizierung passiver Bauteile für elektronische Vorrichtungen

Title (fr)
Identification de composants passifs pour dispositifs électroniques

Publication
EP 2230729 A1 20100922 (EN)

Application
EP 09290197 A 20090318

Priority
EP 09290197 A 20090318

Abstract (en)
In an arrangement and a method for detection and/or identification of components detachably connected to an electronic device a first light beam (I1) is sent from the device (1) to the component (10). Inside the component (10) the light beam (I1) is coded with a signal by coding means (13) and thereupon reflected back by second light emitting means (12) to the device (1) where it is received by light receiving means (3) and can be processed to derive a component's identification information comprised in the signal.

IPC 8 full level
H01R 13/46 (2006.01)

CPC (source: EP)
H01R 13/465 (2013.01); **H01R 13/7175** (2013.01)

Citation (applicant)
• US 6171718 B1 20010109 - MURACH BRYAN L [US], et al
• WO 02086573 A1 20021031 - CORONA OPTICAL SYSTEMS INC [US]
• US 5222164 A 19930622 - BASS SR ROBERT H [US], et al

Citation (search report)
• [X] US 6176718 B1 20010123 - SKARIE CHRISTOPHER JASON [US], et al
• [X] WO 02086573 A1 20021031 - CORONA OPTICAL SYSTEMS INC [US]
• [X] US 5222164 A 19930622 - BASS SR ROBERT H [US], et al
• [A] US 2007220742 A1 20070927 - LO KUANG-LIN [TW], et al

Cited by
US9379495B2; WO2013001174A1; EP4060828A1; FR2977389A1; US2014120764A1; CN103875134A; RU2599733C2; EP2863493A1; EP2727192B1

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 TR

Designated extension state (EPC)
AL BA RS

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