



Activating selected RFID components

Solution and its benefits

Remote identifier such as active type remote identifier and passive type remote identifier used with reader (claimed) such as mobile telephone, used in television and digital versatile disk (DVD) player and business card.

Competitive advantage

The two-way data communication between remote identifier and reader is performed efficiently. The remote identifier is manufactured cheaply by comprising cheaper photosensitive material.

With the aid of the invention, a desired remote identifier and its related product can be selected in a situation, in which several remote identifiers are within the range of the reader. Such a situation can arise, for example, in a shop, in which nearly all the products are equipped with a remote identifier. The invention also permits a new user interface to be transferred to a reader, such as a mobile station. Thus, the mobile station can be converted, for example, into a remote control for a TV, DVD, or other remotely controlled device.

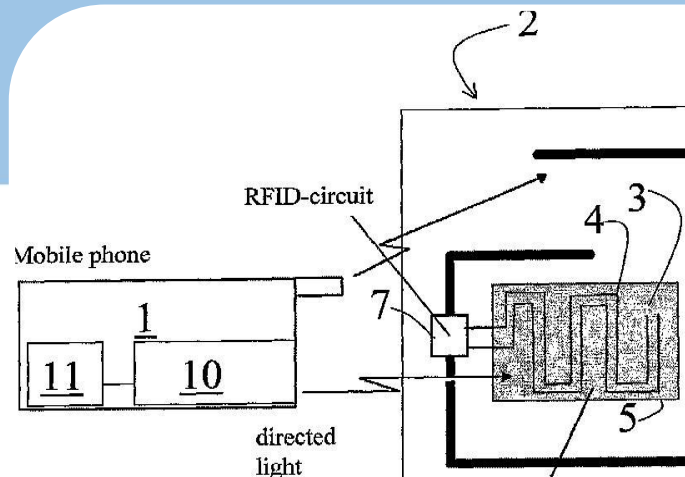
Technical description

The remote identifier (2) consists of photosensitive material (3) which is electrically connected to radio frequency identification (RFID) circuit (7). The RFID circuit correlates the combined effect of change in radio frequency signal and photosensitive material and outputs a signal in order to activate two-way data transmission between identifier and reader (1).

Intellectual property rights

SEPPÄ H: REMOTE SENSOR, DEVICE AND METHOD FOR ACTIVATING SELECTED REMOTE SENSOR COMPONENTS

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10 reasons for technology partnering with VTT

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8. Collaboration with TOP 50 R&D companies in Finland
9. Global R&D partnership with 50 Fortune 500 companies
10. Market driven multi-disciplinary solutions

Additional information

VTT Technical Research Centre of Finland
 Timo Joutsenoja
 Business Development Manager
 Tel: +358 20 722 3009
 timo.joutsenoja@vtt.fi
 P.O. Box 1300, FI-33101 Tampere, Finland