

Title (en)

DEVICE AND METHOD FOR TESTING THE STATE OF THE CONNECTION OF A LOAD CONNECTED TO A CONNECTION POINT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TESTEN DES ZUSTANDS DER VERBINDUNG EINER MIT EINEM VERBINDUNGSPUNKT VERBUNDENEN LAST

Title (fr)

DISPOSITIF ET PROCÉDÉ DESTINÉS À VÉRIFIER L'ÉTAT DE LA CONNEXION D'UNE CHARGE CONNECTÉE À UN POINT DE CONNEXION

Publication

**EP 2780579 A1 20140924 (DE)**

Application

**EP 12797767 A 20121114**

Priority

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- EP 2012072650 W 20121114

Abstract (en)

[origin: WO2013072385A1] The invention relates to a device and a method for testing the connection of a load (L) connected to a connection point (1). The connection point (5) is formed between a first switching element (HS), which is connected between a high supply voltage potential (VDD5\_IGN) and the connection point (5), and a second switching element (LS), which is connected between the connection point (5) and a low supply voltage potential (L). When the two switching elements (HS, LS) are switched off, a potential is built up at the connection point (5) by means of at least one voltage or current source (3) connected to the connection point (5), and a potential analyzing circuit (4) checks whether the potential (VOUT) lies in a defined potential range. If this is the case, it is concluded that a line between the connection point (5) and the load (L) has been interrupted.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013072385A1

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