

Title (en)

INTERFACE FOR DIGITAL SIGNALS AND POWER SUPPLY SIGNALS, HAVING A SWITCHABLE CONSTANT POWER SOURCE

Title (de)

SCHNITTSTELLE FÜR DIGITALSIGNALS UND NETZSPANNUNGSSIGNALS, MIT SCHALTBARER KONSTANTSTROMQUELLE

Title (fr)

INTERFACE POUR SIGNAUX NUMÉRIQUES ET SIGNAUX DE TENSION DE SECTEUR, AVEC SOURCE ÉLECTRIQUE CONSTANTE COMMUTABLE

Publication

EP 2127492 A1 20091202 (DE)

Application

EP 08707260 A 20080124

Priority

- EP 2008000549 W 20080124
- DE 102007009520 A 20070227

Abstract (en)

[origin: DE102007009520A1] The interface has an input-connection for selectively receiving of mains alternating voltage signal (U-netz) or digital low-voltage signal (U-bus). The inlet connection is connected with a fixed main voltage switch, which switches a current source in the received operation by applying the mains voltage signal or a high-level digital signal in the inlet connection. The inlet connection feeds the primary side of the potential separating element on whose secondary side the interface produces output signal. An independent claim is also included for a method for operating an interface.

IPC 8 full level

H05B 37/02 (2006.01); **H02J 13/00** (2006.01)

CPC (source: EP)

H05B 41/3921 (2013.01); **H05B 47/18** (2020.01); **H02J 13/00007** (2020.01); **Y02B 90/20** (2013.01); **Y04S 40/121** (2013.01)

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