

Title (en)

CIRCUIT BOARD COMPRISING AT LEAST ONE QUADRUPOLE CURRENT MEASURING ELEMENT

Title (de)

LEITERPLATTE MIT MINDESTENS EINEM VIERPOLSTROM-MESSELEMENT

Title (fr)

CARTE DE CIRCUIT IMPRIMÉ POURVUE D'UN OU DE PLUSIEURS ÉLÉMENTS DE MESURE DE COURANT DE QUADRIPOLE

Publication

EP 3216326 A1 20170913 (DE)

Application

EP 15793704 A 20151030

Priority

- DE 102014016248 A 20141104
- EP 2015002175 W 20151030

Abstract (en)

[origin: WO2016070978A1] Disclosed is a circuit board (1) comprising at least one (quadrupole) current measuring element (20) consisting of at least one high-current conductor that is connected to two spaced-apart current terminals (6, 7) between which two spaced-apart measuring terminals (3, 4) are arranged; the (quadrupole) current measuring element (20) is designed as a shunt and is integrated into the structure of the circuit board (1).

IPC 8 full level

H05K 1/02 (2006.01); **H05K 1/16** (2006.01); **H05K 3/10** (2006.01)

CPC (source: EP)

H05K 1/0265 (2013.01); **H05K 1/0268** (2013.01); **H05K 1/167** (2013.01); **H05K 3/103** (2013.01)

Citation (search report)

See references of WO 2016070978A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014016248 A1 20160504; **DE 102014016248 B4 20220303**; EP 3216326 A1 20170913; WO 2016070978 A1 20160512

DOCDB simple family (application)

DE 102014016248 A 20141104; EP 15793704 A 20151030; EP 2015002175 W 20151030