

Title (en)
MEASUREMENT OF THE CURRENT DISTRIBUTION/HEAT DISTRIBUTION OF AN ELECTROCHEMICAL ELECTRODE

Title (de)
MESSUNG DER STROMVERTEILUNG/WÄRMEVERTEILUNG EINER ELEKTROCHEMISCHEN ELEKTRODE

Title (fr)
MESURE DE LA DISTRIBUTION DE COURANT/REPARTITION DE LA CHALEUR D'UNE ELECTRODE ELECTROCHIMIQUE

Publication
EP 1618395 A1 20060125 (DE)

Application
EP 04723899 A 20040327

Priority
• EP 2004003282 W 20040327
• DE 10316117 A 20030404

Abstract (en)
[origin: DE10316117B3] The measurement device has measurement segments, each with a resistance element and at least one current conducting element via which the electrode (12) can be contacted and current tapped to the associated resistance element. A resistance element associated with a measurement segment is oriented so the current flow to this resistance element takes place in a direction transverse to the current flow direction to the current conducting element.

IPC 1-7
G01R 19/08; **G01N 27/406**; **G01N 27/407**; **H01M 8/10**

IPC 8 full level
G01K 7/16 (2006.01); **G01K 13/00** (2006.01); **G01N 27/406** (2006.01); **G01N 27/407** (2006.01); **G01R 19/00** (2006.01); **G01R 19/08** (2006.01); **G01R 31/36** (2006.01); **H01M 4/00** (2006.01); **H01M 8/02** (2006.01); **H01M 8/04** (2006.01); **H01M 8/10** (2006.01)

CPC (source: EP)
H01M 8/04007 (2013.01); **H01M 8/04582** (2013.01); **H01M 8/04552** (2013.01); **Y02E 60/50** (2013.01)

Citation (search report)
See references of WO 2004088334A1

Citation (examination)
WO 2004012282 A2 20040205 - GEN MOTORS CORP [US], et al

Cited by
KR100716079B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10316117 B3 20040429; EP 1618395 A1 20060125; WO 2004088334 A1 20041014

DOCDB simple family (application)
DE 10316117 A 20030404; EP 04723899 A 20040327; EP 2004003282 W 20040327