

Title (en)
PHOTOELECTROCHEMICAL DEVICE

Title (de)
PHOTOELEKTROCHEMISCHE EINRICHTUNG

Title (fr)
DISPOSITIF PHOTOELECTROCHIMIQUE

Publication
EP 1620870 A4 20080709 (EN)

Application
EP 04731114 A 20040505

Priority
• AU 2004000590 W 20040505
• AU 2003902117 A 20030505

Abstract (en)
[origin: WO2004100196A1] A photoelectrochemical (PEC) device comprising two substrates, wherein: at least one substrates is transparent and coated with Transparent Electronic Conductor (TEC); a working electrode comprising dye sensitised porous semiconductor is formed on one substrate; a counter electrode comprising catalytic layer is formed on another substrate; electrolyte is placed between said two substrates; metallic conductor are utilised to conduct electrical current within and from the device; a protective layer of non-metallic material, with sufficient electrical conductivity to enable viable electrical output from the PEC device, is used to protect the said metallic conductors from the electrolyte of the device.

IPC 8 full level
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Citation (search report)
• [E] EP 1548868 A1 20050629 - FUJIKURA LTD [JP]
• [E] WO 2004064191 A1 20040729 - SONY CORP [JP], et al
• See references of WO 2004100196A1

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)
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DOCDB simple family (application)
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