

Title (en)
THREE-DIMENSIONAL PHOTOVOLTAIC GENERATOR

Title (de)
DREIDIMENSIONALER PHOTOVOLTAIKGENERATOR

Title (fr)
GENERATEUR PHOTOVOLTAIQUE A TROIS DIMENSIONS

Publication
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Application
EP 10707850 A 20100212

Priority
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• FR 0900635 A 20090212

Abstract (en)
[origin: WO2010092157A2] The present invention relates to a photovoltaic generator, including at least one block with transparent walls and at least one reflecting wall, as well as photovoltaic cells, characterised in that the walls opposite the reflecting wall are transparent and comprise optically active dopants that transform incident solar radiation into radiation, the spectrum of which is shifted towards the range of the photovoltaic cells with the highest sensitivity, and in that at least one transparent wall is covered with a dichroic filter.

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H01L 31/055 (2006.01)

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Citation (search report)
See references of WO 2010092157A2

Citation (examination)
• US 2002074035 A1 20020620 - GRAVISSE PHILIPPE [FR], et al
• US 2008245411 A1 20081009 - HAMMERMANN MARKUS [DE], et al
• DE 3125620 A1 19830113 - IMCHEMIE KUNSTSTOFF GMBH [DE]

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FR 2942075 A1 20100813; **FR 2942075 B1 20110805**; EP 2396830 A2 20111221; US 2012090662 A1 20120419; WO 2010092157 A2 20100819; WO 2010092157 A3 20101111

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