

Title (en)
SOLAR BATTERY ASSEMBLY

Title (de)
SOLARBATTERIEANORDNUNG

Title (fr)
ENSEMBLE DE PILES SOLAIRES

Publication
EP 2460184 A4 20130904 (EN)

Application
EP 10803849 A 20100528

Priority
• CN 200920134431 U 20090730
• CN 2010073361 W 20100528

Abstract (en)
[origin: WO2011012016A1] A solar battery assembly (100) is provided, which comprises: a frame (2) formed with an inner side groove (23) along an inner periphery thereof, a laminated solar battery panel (1) with peripheral edges thereof being received in the inner side groove, a battery container (4) disposed under the frame which may be connected with a bottom surface of the frame; and at least a storage battery (3) contained in the battery container (4). With the solar battery assembly, energy loss due to long-distance transmission is reduced to a great extent, and the maintenance thereof may be simplified with reduced cost.

IPC 8 full level
H01L 31/042 (2006.01); **H01M 50/244** (2021.01)

CPC (source: EP KR)
H02S 30/10 (2014.12 - EP KR); **H02S 40/38** (2014.12 - EP KR); **Y02E 10/50** (2013.01 - EP KR); **Y02E 70/30** (2013.01 - EP)

Citation (search report)
• [XYI] US 2002078991 A1 20020627 - NAGAO YOSHITAKA [JP], et al
• [XI] FR 2820895 A1 20020816 - BOULEAU RENE MARIE PIERRE [FR]
• [XI] US 4986169 A 19910122 - CHEN MING-HSIUNG [TW]
• [Y] DE 3611542 A1 19871008 - REMSCHEID VOLKSBANK [DE]
• [Y] US 4452138 A 19840605 - BUBLEY HENRY J [US], et al
• See references of WO 2011012016A1

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 SE SI SK SM TR

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