

Title (en)  
PYRAMIDAL WALL SECTIONS

Title (de)  
PYRAMIDENFÖRMIGE WANDABSCHNITTE

Title (fr)  
SECTIONS DE PAROI PYRAMIDALE

Publication  
**EP 3762972 A4 20211117 (EN)**

Application  
**EP 19763333 A 20190305**

Priority  
• US 201815912343 A 20180305  
• US 2019020713 W 20190305

Abstract (en)  
[origin: WO2019173311A1] Solar panel assemblies and wall sections using such assemblies are described. In one solar panel assembly, there is a mounting post and three or more triangular shaped panels. Each triangular shaped panel is a solar panel responsive to a first spectrum of light and transparent to a second spectrum of light. The solar panel assembly also includes hinges which connect the triangular shaped panels to the mounting post. The at least three triangular shaped panels can move between a flat configuration and an inverted pyramid configuration. In a further embodiment of the solar panel assembly, the triangular shaped panels form a first solar panel layer, and the assembly also includes one or more additional solar panel layers. Each of the additional solar panel layers being responsive to an associated spectrum of light.

IPC 8 full level  
**H01L 31/043** (2014.01); **H02S 20/32** (2014.01); **H02S 40/22** (2014.01)

CPC (source: EP IL KR)  
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Citation (search report)  
• [I] US 2016013347 A1 20160114 - WEEFER SERGIO W [US]  
• [I] US 2011083718 A1 20110414 - WICHNER BRIAN D [US]  
• [I] CN 104037250 A 20140910 - JA SOLAR CO LTD  
• [A] US 4003756 A 19770118 - ABRAMS EUGENE  
• See also references of WO 2019173311A1

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

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**WO 2019173311 A1 20190912**; AU 2019231192 A1 20200924; CA 3093259 A1 20190912; CA 3093259 C 20240528; EP 3762972 A1 20210113; EP 3762972 A4 20211117; IL 277104 A 20201029; IL 277104 B1 20240101; IL 277104 B2 20240501; JP 2021515527 A 20210617; JP 7228918 B2 20230227; KR 102497263 B1 20230206; KR 20200125691 A 20201104; MX 2020009197 A 20210115; PH 12020551381 A1 20210802; SA 520420090 B1 20230115; SG 11202008492R A 20201029; ZA 202005425 B 20210825

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