

Title (en)

BEARING ASSEMBLY FOR A SOLAR COLLECTOR SYSTEM

Title (de)

LAGERANORDNUNG FÜR EIN SONNENKOLLEKTOR-SYSTEM

Title (fr)

ENSEMBLE PALIER POUR UN SYSTÈME COLLECTEUR D'ÉNERGIE SOLAIRE

Publication

**EP 2588790 A4 20150107 (EN)**

Application

**EP 11801366 A 20110629**

Priority

- US 36061210 P 20100701
- US 2011042442 W 20110629

Abstract (en)

[origin: WO2012003235A1] A solar collector system is provided including a bearing assembly comprising a plurality of wheels or rollers for rollingly engaging a large-diameter support element. Rotation of the large-diameter support element supports tracking of the position of the sun relative to the solar collector system. The bearing assembly may be pre-assembled to the large-diameter support element before the solar collector system leaves the factory, thereby facilitating assembly of the solar collector system in the field, even under adverse conditions.

IPC 8 full level

**F16L 13/04** (2006.01); **F24S 23/70** (2018.01); **F16C 19/50** (2006.01); **F24J 2/10** (2006.01); **F24J 2/54** (2006.01)

CPC (source: EP US)

**F16C 19/50** (2013.01 - EP US); **F24S 30/40** (2018.04 - EP US); **F24S 30/425** (2018.04 - EP US); **F24S 50/20** (2018.04 - EP US); **F24S 2023/834** (2018.04 - EP US); **F24S 2030/15** (2018.04 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02P 80/20** (2015.11 - EP US); **Y10T 29/49355** (2015.01 - EP US)

Citation (search report)

- [XYI] DE 102006058995 A1 20080619 - NOVATEC BIOSOL AG [DE]
- [XYI] WO 2009108273 A2 20090903 - CBE GLOBAL HOLDINGS INC [US], et al
- [XYI] US 4306540 A 19811222 - HUTCHISON JOSEPH A
- [Y] WO 0202995 A2 20020110 - BAYER AG [DE], et al
- See references of WO 2012003235A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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