

Title (en)
DEPLOYABLE SPACE REFLECTOR

Title (de)
REFLEKTOR MIT ENTFALTbareM RAUM

Title (fr)
RÉFLECTEUR SPATIAL DÉPLOYABLE

Publication
EP 3879626 A1 20210915 (EN)

Application
EP 21157199 A 20131018

Priority

- EP 21157199 A 20131018
- EP 13792420 A 20131018
- GE AP2012012873 A 20121019
- GE 2013000008 W 20131018

Abstract (en)
The present invention relates to radio technique, namely to space structures, for example, large deployable space reflectors (symmetric, asymmetric, offset and other type of reflectors), radio and optical telescopes, sun-concentrators and other structures with analogous purpose. Advantages of this invention are in increasing deployed stiffness and stability, as well as in increasing reliability of deployment, achieving large deployed seized high accuracy of reflector realization and in decreasing height of the stowed package of the reflector.

IPC 8 full level
H01Q 1/28 (2006.01); **H01Q 15/16** (2006.01)

CPC (source: EP)
H01Q 1/288 (2013.01); **H01Q 15/161** (2013.01)

Citation (applicant)

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- US 5680145 A 19971021 - THOMSON MARK W [US], et al
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Citation (search report)

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- [Y] WO 2012065619 A1 20120524 - EUROP AGENCE SPATIALE [FR], et al
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- [A] US 6388637 B1 20020514 - DAVIS DANIEL [US]
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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

DOCDB simple family (publication)
WO 2014068342 A1 20140508; WO 2014068342 A8 20141127; EP 2909890 A1 20150826; EP 2909890 B1 20210217;
EP 3879626 A1 20210915; ES 2869299 T3 20211025; GE P201706727 B 20170911; PL 2909890 T3 20211102; PT 2909890 T 20210514

DOCDB simple family (application)
GE 2013000008 W 20131018; EP 13792420 A 20131018; EP 21157199 A 20131018; ES 13792420 T 20131018; GE AP2012012873 A 20121019;
PL 13792420 T 20131018; PT 13792420 T 20131018