

Title (en)
DEPLOYABLE SPACE REFLECTOR

Title (de)
REFLEKTOR MIT ENTFALTBAREM RAUM

Title (fr)
RÉFLECTEUR SPATIAL DÉPLOYABLE

Publication
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Application
EP 21157199 A 20131018

Priority

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- 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
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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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