

Title (en)
Reflective line source

Title (de)
Reflektierende Leitungsquelle

Title (fr)
Source de ligne réfléchissante

Publication
EP 2757634 A1 20140723 (EN)

Application
EP 13151716 A 20130117

Priority
EP 13151716 A 20130117

Abstract (en)
There is provided a reflective line source 100 for an antenna system. The reflective line source 100 comprises at least one region 104 adapted to receive an electromagnetic field and to expand the field in at least one dimension. The reflective line source 100 further comprises a reflective phase compensator 108 that is coupled to the region 104. The reflective phase compensator 108 is adapted to correct a phase error resulting from propagation of the field through the region 104 as well as to fold a direction of propagation of the field. For this purpose, the reflective phase compensator 108 comprises at least two reflective phase compensating surfaces oriented at ninety degrees relative to one another.

IPC 8 full level
H01Q 19/13 (2006.01)

CPC (source: EP)
H01P 1/182 (2013.01); **H01P 3/18** (2013.01); **H01P 3/123** (2013.01)

Citation (search report)

- [X] US 2006103489 A1 20060518 - JOHANSSON MARTIN [SE], et al
- [X] US 2012092224 A1 20120419 - SAULEAU RONAN [FR], et al
- [X] US 2767396 A 19561016 - CUTLER CASSIUS C

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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