

Title (en)  
MECHANICAL ARCHITECTURE OF A BEAM FORMER FOR SINGLE-REFLECTOR MFPB ANTENNA WITH SHARING OF SOURCES IN TWO SPATIAL DIMENSIONS, AND PROCESS FOR PRODUCING THE BEAM FORMER

Title (de)  
MECHANISCHER AUFBAU EINES STRAHLFÖRMERS FÜR MFPB-ANTENNE MIT EINEM REFLEKTOR MIT ZWEIDIMENSIONALER QUELLENAUFTeilUNG, UND HERSTELLUNGSVERFAHREN DIESES STRAHLFÖRMERS

Title (fr)  
ARCHITECTURE MÉCANIQUE D'UN FORMATEUR DE FAISCEAUX POUR ANTENNE MFPB MONO-RÉFLECTEUR À PARTAGE DE SOURCES SELON DEUX DIMENSIONS DE L'ESPACE ET PROCÉDÉ DE RÉALISATION DU FORMATEUR DE FAISCEAUX

Publication  
**EP 3340386 B1 20201125 (FR)**

Application  
**EP 17207575 A 20171215**

Priority  
FR 1601834 A 20161222

Abstract (en)  
[origin: CA2989855A1] The mechanical architecture of the beam former comprises a plurality of elementary combination circuits (11) and a support structure (10), the elementary combination circuits (11) being independent of one another, each elementary combination circuit being intended to form a beam, the support structure (10) comprising two metal interface plates (13, 14), respectively top and bottom, the two interface plates being formed parallel to one another and spaced apart from one another, in a heightwise direction Z orthogonal to the two interface plates, the elementary combination circuits (11) being mounted in the space between the two interface plates (13, 14) and fixed at right angles to the two interface plates.

IPC 8 full level  
**H01Q 19/17** (2006.01); **H01P 1/04** (2006.01); **H01P 5/02** (2006.01); **H01P 5/12** (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/24** (2006.01); **H01Q 25/00** (2006.01); **H01P 5/19** (2006.01); **H01Q 1/28** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP US)  
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