

Title (en)  
DIPOLE-SHAPED RADIATOR ASSEMBLY

Title (de)  
DIPOLFÖRMIGE STRAHLERANORDNUNG

Title (fr)  
AGENCEMENT DE RAYONNEMENT DIPOLAIRE

Publication  
**EP 3220480 B1 20190109 (DE)**

Application  
**EP 17160394 A 20170310**

Priority  
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• DE 102016112280 A 20160705

Abstract (en)  
[origin: US2017264021A1] A dipole-shaped antenna element arrangement comprises two pairs of radiator halves which are arranged so as to be rotated by 90° to one another and are oriented in a radiator plane at a distance in front of a reflector and in parallel therewith. The radiator halves are arranged on a balancing and/or support arrangement. There is a passive beam-shaping frame which is arranged at a distance from the radiator halves towards the reflector. The passive beam-shaping frame has at the corners thereof a broadening of the peripheral frame web thereof, said broadening of the frame web extending in parallel with the radiator plane and/or transversely to the radiator plane.

IPC 8 full level  
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