

Title (en)  
Reflecting-trap antenna

Title (de)  
Antenne mit reflektierender Störstelle

Title (fr)  
Antenne à piège réfléchissant

Publication  
**EP 2058901 B1 20100714 (FR)**

Application  
**EP 08168505 A 20081106**

Priority  
FR 0758847 A 20071107

Abstract (en)  
[origin: EP2058901A1] The antenna has a group of aligned radiating elements (2) e.g. dipoles, and a reflector (3) comprising a flat part (4) on which the elements are placed. The reflector has lateral edges (5) longitudinally folded on both sides of the elements. A reflecting trap (10) is placed outside a space separating the radiating elements of the folded lateral edges of the reflector. The reflecting trap is formed from an aluminum sheet folded in U shape, where outer surface (11) of one of U- branches cooperates with an outer surface (12) of the lateral edge of the reflector.

IPC 8 full level  
**H01Q 21/08** (2006.01); **H01Q 19/10** (2006.01)

CPC (source: EP US)  
**H01Q 1/246** (2013.01 - EP US); **H01Q 19/106** (2013.01 - EP US); **H01Q 21/08** (2013.01 - EP US)

Cited by  
WO2011026034A3; WO2011085650A1; CN105706295A; US9590317B2; US11652278B2

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DOCDB simple family (publication)  
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