

Title (en)  
ANTENNA APPARATUS

Publication  
**EP 0470797 A3 19920513 (EN)**

Application  
**EP 91307187 A 19910805**

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Abstract (en)  
[origin: EP0470797A2] In an antenna apparatus, a plurality of divisions of antenna elements (21-24) are formed on a radio apparatus cabinet (41) or on a substrate packaged on the surface of the radio apparatus cabinet (1), the divisions are interconnected together by coils (25-27), and a capacitor (28) is connected in parallel with at least one of the coils. The antenna apparatus is compact and tunable to a plurality of frequencies and has a high antenna gain. <IMAGE>

IPC 1-7  
**H01Q 1/24**; **H01Q 5/02**

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 5/15** (2015.01)

CPC (source: EP)  
**H01Q 1/243** (2013.01); **H01Q 1/38** (2013.01); **H01Q 5/00** (2013.01); **H01Q 5/321** (2015.01)

Citation (search report)  
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• [A] US 4675687 A 19870623 - ELLIOTT JAMES O [US]  
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• [A] IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY vol. 39, no. 2, May 1990, NEW YORK, US pages 150 - 160; KUBOYAMA, H. ET AL.: 'Experimental Results with Mobile Antennas Having Cross-Polarization Components in Urban and Rural Areas'

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