

Title (en)

PATCH ANTENNA ELEMENT AND METHOD FOR MANUFACTURING A PATCH ANTENNA ELEMENT

Title (de)

PATCH-ANTENNENELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES PATCH-ANTENNENELEMENTS

Title (fr)

ÉLÉMENT D'ANTENNE À PLAQUE ET PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT D'ANTENNE À PLAQUE

Publication

**EP 3859889 A1 20210804 (EN)**

Application

**EP 21158628 A 20160929**

Priority

- EP 21158628 A 20160929
- EP 16191341 A 20160929

Abstract (en)

The present disclosure relates to a patch antenna element comprising a substrate (12; 20), patch (14; 26) disposed on the substrate, a ground plane (22) disposed on the substrate below the patch, wherein the ground plane horizontally extends beyond the patch and a conductive planar arrangement (24; 36; 36') at least partially laterally surrounding the patch.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XYI] US 2016276751 A1 20160922 - UEDA HIDEKI [JP]
- [XII] EP 1775795 A1 20070418 - MA COM INC [US]
- [Y] US 2016197404 A1 20160707 - HASHIMOTO KOH [JP], et al

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