

Title (en)

Buried radio device

Title (de)

Verdeckte Radiovorrichtung

Title (fr)

Dispositif de radio enfouie

Publication

EP 1944825 A1 20080716 (EN)

Application

EP 07100345 A 20070110

Priority

EP 07100345 A 20070110

Abstract (en)

An underground space structure of a buried radio device includes an underground space, a metallic cover on the underground space, and an emission surface having a ring area including a structure material with transmission of electrical waves surrounding the cover. An underground radio device includes an underground antenna arranged apart from the cover in the underground and a radio device connected to the antenna. A radio device on the ground includes an antenna on the ground and a radio device connected to the antenna. The underground antenna and the antenna on the ground are connected via the emission surface including the ring area.

IPC 8 full level

H01Q 1/04 (2006.01); **H01Q 1/22** (2006.01)

CPC (source: EP)

H01Q 1/04 (2013.01); **H01Q 1/22** (2013.01)

Citation (search report)

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- [X] US 2989621 A 19610620 - BARTON PAUL M, et al
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Cited by

CN103414276A; CN109983835A; EP3545723A4; WO2018094555A1

Designated contracting state (EPC)

DE FI FR GB IT NL

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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