

Title (en)  
Manhole cover with radio network antenna

Title (de)  
Schachtabdeckung mit Antenne für Funknetzwerke

Title (fr)  
Couvercle de regard avec antenne de réseau radio

Publication  
**EP 1801293 A3 20080702 (DE)**

Application  
**EP 06022192 A 20061024**

Priority  
DE 102005062732 A 20051222

Abstract (en)  
[origin: EP1801293A2] The manhole cover has a radio network antenna or an opening for a radio network antenna. A radio network antenna is provided in the opening. The antenna is provided so that the radiation of the antenna takes place from bottom to top. The manhole cover is a cable pit cover. The cover corresponds to the ISO and the DIN standards. The antenna is a WLAN antenna, WiFi (IEEE-Standard 802.11) or 802.16 (WiMAX).

IPC 8 full level  
**E02D 29/14** (2006.01); **H01Q 1/22** (2006.01); **H01Q 1/44** (2006.01)

CPC (source: EP)  
**E02D 29/14** (2013.01); **E02D 29/1481** (2013.01); **H01Q 1/1207** (2013.01); **H01Q 1/20** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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