

Title (en)

FILTER ASSEMBLY HAVING ANTENNA

Title (de)

MIT ANTENNE AUSGESTATTETE FILTERVORRICHTUNG

Title (fr)

ENSEMBLE DE FILTRE POSSÉDANT UNE ANTENNE

Publication

EP 1763393 A1 20070321 (EN)

Application

EP 05767640 A 20050520

Priority

- US 2005017647 W 20050520
- US 57286704 P 20040520
- US 66066305 P 20050311

Abstract (en)

[origin: WO2005113112A1] A filter apparatus (90) comprising a filter cartridge (100) including filter media and an RF tag (121) connected to the filter media (105). An antenna arrangement is operably connected to a filter conduit arrangement (117). The antenna arrangement includes an antenna conductor in electrical communication with a connector (127). The connector is arranged for electrically connecting the antenna to a tag reader (124) remote from the filter conduit arrangement.

IPC 8 full level

B01D 35/143 (2006.01)

CPC (source: EP)

B01D 35/143 (2013.01); **B01D 2201/291** (2013.01); **B01D 2201/4046** (2013.01); **B01D 2201/52** (2013.01); **B01D 2201/56** (2013.01)

Citation (search report)

See references of WO 2005113112A1

Citation (examination)

US 5674381 A 19971007 - DEN DEKKER DIRK JAN MARINUS [NL]

Cited by

US11541336B2

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 MC NL PL PT RO SE SI SK TR

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