Title (en)
Refuse container

Title (de)
Entsorgungbehälter

Title (fr)
Récipient à déchets

Publication
EP 2700595 A1 20140226 (DE)

Application
EP 13405060 A 20130517

Priority
CH 14312012 A 20120821

Abstract (en)
The disposal container (1) includes a radio module provided with an antenna (200) for transmitting data. A metallic portion (120) is equipped with antenna formed as a slot antenna, and is designed as outer enclosure. An inner cover for slot antenna is provided in inner side of container. The dielectric filling is provided in slot antenna. A level sensor is arranged for determination of level of container.

Abstract (de)
Ein Entsorgungsbehälter (1) umfassend ein Datenfunkmodul mit einer Antenne (200) zum Senden von Daten, wobei der Entsorgungsbehälter (1) einen metallischen Bereich (120) umfasst, in welchem die Antenne (200) als Schlitzantenne (200) ausgebildet ist.

IPC 8 full level
B65F 1/14 (2006.01); **H01Q 13/18** (2006.01)

CPC (source: EP)
B65F 1/14 (2013.01); **H01Q 1/22** (2013.01); **H01Q 5/00** (2013.01); **H01Q 13/10** (2013.01); **H01Q 21/28** (2013.01); **B65F 2210/128** (2013.01); B65F 2210/1443 (2013.01); B65F 2250/112 (2013.01)

Citation (applicant)
- CH 689123 A5 19981015 - ENVICOMP SYSTEMLOGISTIK GMBH & [DE]
- DE 4336334 C1 19941124 - DEUTSCHE AEROSPACE [DE]
- J. D. KRAUS; R. J. MARHEFKA: "Antennas for all Applications", 2003, MCGRAW-HILL, pages: 304FF,32

Citation (search report)
- [A] DE 202005017229 U1 20060727 - ZISSEL HARDY [DE]
- [A] WO 0173675 A2 20011004 - MARCONI CORP PLC [GB]
- [AD] CH 689123 A5 19981015 - ENVICOMP SYSTEMLOGISTIK GMBH & [DE]
- [AD] DE 4336334 C1 19941124 - DEUTSCHE AEROSPACE [DE]
- [A] EP 1482285 A1 20041201 - BADAROUX PHILIPPE [FR], et al

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AT16371U1; DE102019115999B3; JP2022111175A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2700595 A1 20140226; CH 706852 A1 20140228

DOCDB simple family (application)
EP 13405060 A 20130517; CH 14312012 A 20120821