

Title (en)

ANTENNA FOR A RADAR LEVEL GAUGE SYSTEM

Title (de)

ANTENNE FÜR EIN RADARFÜLLSTANDSMESSSYSTEM

Title (fr)

ANTENNE POUR SYSTÈME DE JAUGE DE NIVEAU RADAR

Publication

EP 3921892 A1 20211215 (EN)

Application

EP 19703711 A 20190206

Priority

EP 2019052871 W 20190206

Abstract (en)

[origin: WO2020160763A1] A narrow beam antenna (110) for a radar level gauge system (102), the antenna comprising: a main reflector (306); a sub-reflector (310) arranged at a distance from and facing the main reflector; and a dielectric block (312) filling a volume between the main reflector and the sub-reflector, and a volume defined by wave propagation from the main reflector in the direction of a plane of the sub-reflector, such that all wave propagation between the main reflector and the plane of the sub-reflector takes place entirely within the dielectric block.

IPC 8 full level

H01Q 1/22 (2006.01); **H01Q 15/08** (2006.01); **H01Q 15/10** (2006.01); **H01Q 15/14** (2006.01); **H01Q 19/19** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2020160763A1

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BA ME

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