

Title (en)
COMMUNICATIONS SYSTEM

Title (de)
KOMMUNIKATIONSSYSTEM

Title (fr)
SYSTÈME DE COMMUNICATION

Publication
EP 3861591 A1 20210811 (DE)

Application
EP 19779448 A 20190926

Priority
• DE 102019118532 A 20190709
• EP 2019076000 W 20190926

Abstract (en)
[origin: WO2021004646A1] In a communications system for communication between a vehicle guided along a predetermined movement path and a stationary station using a slotted waveguide which extends parallel to the movement path of the vehicle and into which at least one antenna connected to a transmitting and receiving unit of the stationary station and at least one antenna of the vehicle project, wherein the antenna of the vehicle is moved in the longitudinal direction of the slotted waveguide with a movement of the vehicle, on the stationary station and on the vehicle, either at least two separate transmitting and receiving units are provided for each respective transmission channel and are provided with a respective antenna connection, or at least one transmitting and receiving unit is provided for at least two transmission channels and is provided with two respective antenna connections, and the antenna connections of the transmitting and receiving units are connected to at least one common antenna via at least one coupler, wherein the signals of all transmission channels are emitted and received via said common antenna.

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 13/22** (2006.01)

CPC (source: EP US)
H01P 5/107 (2013.01 - EP US); **H01P 5/12** (2013.01 - US); **H01Q 1/32** (2013.01 - US); **H01P 3/12** (2013.01 - US)

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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