

Title (en)

ROTARY JOINT FOR A ROTATING ANTENNA AND ROTATING ANTENNA COMPRISING SUCH A JOINT

Title (de)

DREHGELENK FÜR EINE DREHANTENNE, UND EIN SOLCHES GELENK UMFASSENDE DREHANTENNE

Title (fr)

JOINT TOURNANT POUR UNE ANTENNE ROTATIVE ET ANTENNE ROTATIVE COMPORTANT UN TEL JOINT

Publication

EP 3457489 B1 20230607 (FR)

Application

EP 18195345 A 20180919

Priority

FR 1700950 A 20170919

Abstract (en)

[origin: US2019089029A1] A rotary joint including a stator intended to be fastened on a first part of the antenna and defining a transmission surface, and a rotor intended to be fastened on a second part of the antenna and defining a transmission surface, wherein one of the transmission surfaces includes primary means for delimiting electromagnetic signals and the other includes complementary means for delimiting electromagnetic signals; the rotor being mounted rotating relative to the stator such that at least part of the transmission surface of the rotor is positioned across from at least part of the transmission surface of the stator, the facing parts forming at least one transmission path between them for the electromagnetic signals delimited by the primary and complementary delimiting means.

IPC 8 full level

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CPC (source: EP US)

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H01Q 3/08 (2013.01 - EP US); **H01Q 3/20** (2013.01 - US); **H01Q 13/0258** (2013.01 - US); **H01Q 19/136** (2013.01 - EP US);
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