

Title (en)  
SPIRAL SEGMENT ANTENNA

Title (de)  
SPIRALSEGMENTANTENNE

Title (fr)  
ANTENNE EN SEGMENT DE SPIRALE

Publication  
**EP 3850707 B1 20221026 (FR)**

Application  
**EP 19765248 A 20190906**

Priority  
• FR 1800953 A 20180913  
• EP 2019073830 W 20190906

Abstract (en)  
[origin: WO2020053090A1] An antenna (100) for emitting radiation from at least one travelling electromagnetic wave that propagates along a guide path, is designed to reduce a reflection likely to be produced for the travelling wave at the end of the guide path. For this purpose, the guide path comprises at least one part in the form of a spiral segment (11, 12), which is connected to another part of the guide path in the form of a loop (13). A gain in the reflection coefficient of the antenna can be obtained in this way, which is effective particularly near a lower frequency limit of a transmission band of the antenna.

IPC 8 full level  
**H01Q 11/08** (2006.01); **H01Q 1/36** (2006.01); **H01Q 5/25** (2015.01); **H01Q 13/20** (2006.01)

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