

Title (en)  
HF-Rotary coupling

Title (de)  
HF-Drehkupplung

Title (fr)  
Accouplement rotatif HF

Publication  
**EP 0951110 B1 20050112 (DE)**

Application  
**EP 99107179 A 19990413**

Priority  
DE 19816669 A 19980415

Abstract (en)  
[origin: EP0951110A2] A third flexible coaxial line takes the form of a cable (III1), arranged in the rectangular cross section of a channel (III2), which spirals around the axis of rotation, in the casing surrounding the fixed assembly (1). The cable length is such that its windings float at half the depth of the channel, when fixed- (1) and rotating- (2) assemblies adopt a given relative position.

IPC 1-7  
**H01R 39/64**; **H01R 13/646**; **H01R 35/02**

IPC 8 full level  
**H01P 1/06** (2006.01); **H01R 13/646** (2011.01); **H01R 35/02** (2006.01); **H01R 39/64** (2006.01)

CPC (source: EP)  
**H01P 1/065** (2013.01); **H01R 24/40** (2013.01); **H01R 39/64** (2013.01); **H01R 2103/00** (2013.01)

Cited by  
DE102007026431A1; CN107658665A; CN103746155A; DE102008018809A1; CN112201913A; DE102007026431B4; US8123554B2; US7808346B2; EP2001076A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0951110 A2 19991020**; **EP 0951110 A3 20030129**; **EP 0951110 B1 20050112**; DE 59911421 D1 20050217; ES 2235397 T3 20050701

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**EP 99107179 A 19990413**; DE 59911421 T 19990413; ES 99107179 T 19990413