

Title (en)
FORWARD COUPLER COMPRISING STRIP CONDUCTORS

Title (de)
VORWÄRTSKOPPLER MIT BANDLEITERN

Title (fr)
COUPLEUR VERS AVANT À CONDUCTEURS PLATS

Publication
EP 2438645 A1 20120411 (DE)

Application
EP 10722603 A 20100514

Priority
• EP 2010002960 W 20100514
• DE 102009023873 A 20090604
• DE 102009048148 A 20091002

Abstract (en)
[origin: WO2010139392A1] The invention relates to a coupler having a first conductor (22) and a second conductor (23), each of which comprises two connections. The conductors (22, 23) run in close proximity to each other and are coupled together. A first connection of the first conductor (22) and a first connection of the second conductor (23) are in close proximity to each other. A second connection of the first conductor (22) and a second connection of the second conductor (23) are in close proximity to each other. A signal does not couple from the first connection of the first conductor (22) to the first connection of the second conductor (23), or it couples thereto only with high attenuation. The signal is divided into largely similar parts by the second connection of the first conductor (22) and by the second connection of the second conductor (23), particularly at a projected frequency. The first conductor (22) and the second conductor (23) are strip conductors.

IPC 8 full level
H01P 5/18 (2006.01)

CPC (source: EP US)
H01P 5/18 (2013.01 - EP US)

Citation (search report)
See references of WO 2010139392A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009048148 A1 20101209; EP 2438645 A1 20120411; EP 2438645 B1 20141022; US 2012068786 A1 20120322;
US 8779871 B2 20140715; WO 2010139392 A1 20101209

DOCDB simple family (application)
DE 102009048148 A 20091002; EP 10722603 A 20100514; EP 2010002960 W 20100514; US 201013125487 A 20100514