

Title (en)

Coupling element for electromagnetically coupling of at least two lines of a transmission line

Title (de)

Kopplungselement zur elektromagnetischen Kopplung von mindestens zwei Leitern einer Transmissionsleitung

Title (fr)

Élément de couplage pour le couplage électromagnétique d' au moins deux lignes d' une ligne de transmission

Publication

EP 1786059 B1 20090318 (DE)

Application

EP 06023186 A 20061108

Priority

DE 102005054348 A 20051115

Abstract (en)

[origin: DE102005054348B3] Coupling element (10a) comprises a first side (11a) formed as a transmission line section assigned to a first conductor (20a) and a second side (11b) formed as a transmission line section assigned to a second conductor (20b). A discrete component (12a, 12b) connects the first side to the second side. An independent claim is also included for a transmission line with the above coupling element.

IPC 8 full level

H01P 5/04 (2006.01)

CPC (source: EP US)

H01P 5/04 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

DE 102005054348 B3 20070315; CN 101060188 A 20071024; DE 502006003165 D1 20090430; EP 1786059 A1 20070516; EP 1786059 B1 20090318; US 2007109072 A1 20070517; US 7760047 B2 20100720

DOCDB simple family (application)

DE 102005054348 A 20051115; CN 200610148539 A 20061115; DE 502006003165 T 20061108; EP 06023186 A 20061108; US 59939906 A 20061115