

Title (en)
TRANSMISSION DEVICE

Title (de)
ÜBERTRAGUNGSEINRICHTUNG

Title (fr)
SYSTEME DE TRANSFERT D'ENERGIE ELECTRIQUE

Publication
EP 0704098 A1 19960403 (DE)

Application
EP 95916645 A 19950412

Priority
• DE 4412957 A 19940417
• EP 9501377 W 19950412

Abstract (en)
[origin: DE4412957A1] In a device (1) for the contact-free transmission of electrical energy from a power source (2) to a consumer (4), two transformers (11, 21), each provided with a power convertor (15, 25), are coupled without contact to a conductor (31) in the form of an endless loop; one transformer (11) is an electrical feed transformer and the other (21) is an electrical take-up transformer. With this arrangement, high levels of electrical power can be drawn easily from a conductor (31) over a long distance and made available to one or more consumers (4). Electrical power can be fed in and drawn off without any contact, and mechanical and electrical losses are therefore low.

IPC 1-7
H01F 38/14; **H02J 5/00**

IPC 8 full level
H01F 30/00 (2006.01); **H01F 38/14** (2006.01); **H02J 5/00** (2016.01)

CPC (source: EP US)
H01F 38/14 (2013.01 - EP US); **H02J 50/12** (2016.02 - EP US); **H02J 50/40** (2016.02 - EP US)

Citation (search report)
See references of WO 9528723A1

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

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