

Title (en)  
INDUCTIVE ROTATING TRANSFORMER

Title (de)  
INDUKTIVER DREHÜBERTRAGER

Title (fr)  
TRANSFORMATEUR TOURNANT INDUCTIF

Publication  
**EP 1665300 B1 20080716 (DE)**

Application  
**EP 04765457 A 20040921**

Priority  
• EP 2004010581 W 20040921  
• DE 10344055 A 20030923

Abstract (en)  
[origin: WO2005031770A1] The invention relates to an inductive rotating transmitter, comprising a fixed piece and a rotating piece, whereby the fixed piece and the rotating piece have a common virtual rotational axis and the rotating piece rotates about the fixed piece. The data transmission is carried out over at least one data transmission path by means of at least one inductive element and the data transmission path is arranged outside the rotational axis of the rotating transmitter.

IPC 8 full level  
**H01F 38/18** (2006.01); **H01F 38/14** (2006.01); **H01F 17/00** (2006.01); **H01F 17/06** (2006.01)

CPC (source: EP US)  
**H01F 38/18** (2013.01 - EP US); **H01F 17/0006** (2013.01 - EP US); **H01F 17/062** (2013.01 - EP US); **H01F 2019/085** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 2005031770 A1 20050407**; CN 1856849 A 20061101; CN 1856849 B 20120404; DE 10344055 A1 20050421;  
DE 502004007626 D1 20080828; EP 1665300 A1 20060607; EP 1665300 B1 20080716; US 2007024575 A1 20070201;  
US 7663462 B2 20100216

DOCDB simple family (application)  
**EP 2004010581 W 20040921**; CN 200480027361 A 20040921; DE 10344055 A 20030923; DE 502004007626 T 20040921;  
EP 04765457 A 20040921; US 57128106 A 20060309