

Title (en)
ELECTRIC ENERGY TRANSMISSION DEVICE

Publication
EP 0314222 B1 19930609 (FR)

Application
EP 88202247 A 19881007

Priority
EP 87870153 A 19871030

Abstract (en)
[origin: EP0314222A1] Device for transferring electrical energy and/or information between two parts (1, 2) in relative motion, in particular between a frame (2) and a door leaf (1) or opening window sash mounted in this frame, comprising a first coil (9) wound on a first magnetic core (10) and a second coil (12) wound on a second magnetic core (13), the first coil (9) being intended to be connected up to an electrical energy source (39) and to be mounted with its core (10) on one of the said parts (2), the second coil (12) being intended to be mounted with its core (13) on the other part (1) in such a manner that these two cores (10, 13) define a magnetic circuit in at least one defined relative position of the parts (1, 2) so as to thus permit a variable electrical current, traversing the said first coil (9), to generate a variable magnetic flux in both cores (10, 13) and bring about an electrical current in the second coil (12) when the latter is connected into a closed electrical circuit (28). <IMAGE>

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H01F 23/00

IPC 8 full level
G07C 9/00 (2006.01); **H01F 38/14** (2006.01)

CPC (source: EP US)
H01F 38/14 (2013.01 - EP US); **G07C 2009/00777** (2013.01 - EP US); **H01F 2038/143** (2013.01 - EP US); **Y10T 292/11** (2015.04 - EP US)

Cited by
FR2777586A1; IT201600101732A1; FR2730852A1; DE9012505U1; US7825544B2; WO2007063500A3; WO2006104383A1; WO9954576A1; WO2018069795A1

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