

Title (en)
ENERGY CONVERSION DEVICE

Title (de)
ENERGIEUMWANDLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CONVERSION D'ÉNERGIE

Publication
EP 2422434 A2 20120229 (EN)

Application
EP 10767758 A 20100422

Priority
• US 2010032037 W 20100422
• US 17164109 P 20090422

Abstract (en)
[origin: WO2010124075A2] An energy conversion device for converting one form of input energy selected from a mechanical energy and electrical energy, into an output energy selected from a mechanical energy and electrical energy using stationary and moveable magnetic components. One of the stationary or movable parts may be a winding and the other may be a piston comprised of a complex magnet having an axial magnetic component responsive to the oppositely disposed axial magnets, and a radial magnetic component responsive to the radial magnetic source to generally maintain the piston in a floating position within the elongated channel between two magnets disposed at opposite ends of the winding.

IPC 8 full level
H02K 35/02 (2006.01); **H02K 7/09** (2006.01); **H02K 35/00** (2006.01)

CPC (source: EP KR)
H02K 35/02 (2013.01 - EP KR); **H02K 7/09** (2013.01 - EP)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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