

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)

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DOCDB simple family (publication)  
**WO 2010124075 A2 20101028; WO 2010124075 A3 20110120**; BR PI1013866 A2 20161129; CA 2759260 A1 20101028;  
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