

Title (en)

Fluid recirculating pump with device for transmission of the rotational movement to the associated driven shaft

Title (de)

Flüssigkeitsrücklaufpumpe mit Vorrichtung zur Übertragung der Drehbewegung an den zugehörigen angetriebenen Kolben

Title (fr)

Pompe de recirculation de fluides dotée d'un dispositif de transmission du mouvement de rotation à arbre commandé associé

Publication

EP 2110530 A1 20091021 (EN)

Application

EP 09157580 A 20090408

Priority

- IT MI20080675 A 20080415
- IT MI20080676 A 20080415

Abstract (en)

Cooling fluid recirculating pump, comprising a fixed pump body (11) carrying a driven shaft (2) for actuating the impeller (1) of the pump and at least one friction coupling (30;130) arranged between the movement generating means (21) and the driven shaft (2) and comprising at least one fixed electromagnet (32) and at least one armature (33;133) which is mounted axially movable on a sleeve (35) integral with the shaft (2), axially thrusting resilient means (34;134) acting on the armature (33), said electromagnet (32) being axially arranged on the opposite side to the armature (33;133) in an axially outer position with respect to the movement generating means (21,21a).

IPC 8 full level

F01P 5/12 (2006.01); **F04D 13/02** (2006.01); **F04D 25/02** (2006.01); **F16D 27/112** (2006.01)

CPC (source: EP)

F04D 13/021 (2013.01); **F01P 7/162** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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