

Title (en)

Device for transmitting the rotating movement to a driven shaft, in particular for fluid recirculating pumps

Title (de)

Vorrichtung zum Übertragen der Drehbewegung zu einer Antriebsachse, insbesondere für Flüssigkeitspumpen

Title (fr)

Dispositif pour transmettre le mouvement tournant à un arbre d'entraînement, en particulier pour les pompes à circulation des fluides

Publication

EP 1696111 A2 20060830 (EN)

Application

EP 06075117 A 20060118

Priority

IT MI20050056 U 20050126

Abstract (en)

Device for transmitting a rotating movement from movement generating means (21) to a driven shaft (2), comprising at least one friction coupling (20) and at least one induction coupling (30), arranged between said movement generating means (21) and the driven shaft (2) and substantially concentric with each other, wherein said movement generating means consist of a circular ring (21) having, formed on its outer circumferential edge, a pulley (21a) suitable for engagement with a corresponding drive belt (3); said circular movement-generating ring (21) is mounted on a bearing (40) keyed onto the fixed support body (11) of the driven shaft (2); the circular ring part (21) formed in the manner of a pulley (21a) is situated axially outside the fixed control element (22) of the friction coupling (20).

IPC 8 full level

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CPC (source: EP US)

F01P 5/12 (2013.01 - EP US); **F01P 7/162** (2013.01 - EP US); **F01P 7/164** (2013.01 - EP US); **F04D 13/021** (2013.01 - EP); **F04D 13/022** (2013.01 - EP); **F04D 13/027** (2013.01 - EP)

Citation (applicant)

- DE 10158732 A1 20030612 - LINNIG TRUCKTEC GMBH [DE]
- EP 1353051 A2 20031015 - BARUFFALDI SPA [IT]

Cited by

EP2299085A1; ITMI20120249A1; EP2351919A1; CN102022175A; EP2453118A1; FR2967465A1; US8920141B2; US8714939B2; WO2011082841A1; WO2010058233A1; WO2012095167A1

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