

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 A3 20090923 (EN)

Application

EP 06075117 A 20060118

Priority

IT MI20050056 U 20050126

Abstract (en)

[origin: EP1696111A2] 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

F01P 5/12 (2006.01); **F01D 5/10** (2006.01); **F01P 7/16** (2006.01)

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 (search report)

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- [A] DE 10013252 A1 20011025 - AUDI AG [DE]
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- [A] EP 0886047 A2 19981223 - BARUFFALDI SPA [IT]
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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1696111 A2 20060830; EP 1696111 A3 20090923; EP 1696111 B1 20111214; BR PI0600137 A 20060919; CN 1821556 A 20060823; CN 1821556 B 20100421; IT MI20050056 U1 20060827; RU 2006102133 A 20070727; US 2006165539 A1 20060727

DOCDB simple family (application)

EP 06075117 A 20060118; BR PI0600137 A 20060126; CN 200610008969 A 20060126; IT MI20050056 U 20050126; RU 2006102133 A 20060125; US 33644606 A 20060120