Title (en)

TENSIONING OR DEFLECTOR PULLEY IN PARTICULAR FOR THE BELT DRIVE ON AN INTERNAL COMBUSTION ENGINE

Title (de)

SPANN- ODER UMLENKROLLE, INSBESONDERE FÜR DEN ZUGMITTELTRIEB EINER BRENNKRAFTMASCHINE

Title (fr)

GALET DE TENSION OU DE RENVOI, EN PARTICULIER POUR L'ENTRAÎNEMENT PAR ÉLÉMENT DE TRACTION D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2007131479A1] The invention relates to a tensioning or deflector pulley, in particular for the belt drive on an internal combustion engine, essentially comprising a plastic or steel running pulley (2), formed by an inner hub ring (3), an outer running ring (4) and a pulley disc (5), connecting both rings (3, 4) to each other, with a radial roller bearing (6) fixed in the hub ring (5) of the running pulley (2), made up of an inner bearing ring (7) and an outer bearing ring (8) with a number of roller bodies (12) running between the bearing rings (7, 8) in channeled running tracks (9, 10), retained at regular separations from each other by a bearing cage (11) with a seal (13, 14) to both sides of the roller bodies (12), by means of which the cavity (15), formed between the bearing rings (7, 8) and designed as a grease reservoir, is sealed.

IPC 8 full level

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