

Title (en)
TORQUE SENSING PULLEYS AND RELATED METHODS AND SYSTEMS

Title (de)
DREHMOMENTERFASSENDE RIEMENSCHLEIBEN SOWIE ENTSPRECHENDE VERFAHREN UND SYSTEME

Title (fr)
POULIES DE DÉTECTION DE COUPLE ET PROCÉDÉS ET SYSTÈMES ASSOCIÉS

Publication
EP 2838624 A4 20160406 (EN)

Application
EP 13778263 A 20130418

Priority
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• US 2013037182 W 20130418

Abstract (en)
[origin: WO2013158887A1] An exercise machine includes a frame, a pulley, a first sensor, and a second sensor. The pulley includes an inner hub, an outer hub, and at least one biasing element. The inner hub further includes at least one position indicator. Additionally, the outer hub includes at least one position indicator and may be rotatable relative to the inner hub. The at least one biasing element may bias the outer hub to a first angular position relative to the inner hub. The first sensor may be fixed relative to the frame and positioned to detect the at least one position indicator of the inner hub. The second sensor may also be fixed relative to the frame and positioned to detect the at least one position indicator of the outer hub.

IPC 8 full level
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Citation (search report)
• [XY] WO 2009003170 A1 20081231 - RADOW SCOTT B [US], et al
• [Y] WO 2009054135 A1 20090430 - DENSO CORP [JP], et al
• [Y] US 5051638 A 19910924 - PYLES NATHAN [US]
• See references of WO 2013158887A1

Designated contracting state (EPC)
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