

Title (en)
AN AXLE BEARING ASSEMBLY

Title (de)
ACHSLAGERANORDNUNG

Title (fr)
ENSEMBLE PALIER D'ESSIEU

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Abstract (en)
[origin: WO2011154546A1] An axle bearing assembly (10100) for a chain-driven or belt-driven vehicle comprising a bearing arrangement (10190), a housing (10106) for the bearing arrangement, an axle (10130) having an axle axis (10170) and being rotatably supported by the bearing arrangement comprising at least one translation bearing assembly (10188), and a lateral translation sensor (10172) configured to sense translation of the axle transverse to its axis and relative to the housing, wherein the axle is biased into a rest position (figure 11B), and the bearing arrangement is configured for lateral translation (figure 11C) of the axle relative to the axle axis. A pedal cycle comprising such an axle bearing assembly and having an electrical control unit configured to receive a signal from the lateral translation sensor.

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