

Title (en)
ROLLING-ELEMENT BEARING FOR A GEARING

Title (de)
WÄLZLAGER FÜR EIN GETRIEBE

Title (fr)
PALIER À ROULEMENT POUR UN ENGRENAGE

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Application
EP 14739084 A 20140630

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Abstract (en)
[origin: WO2015014554A1] The invention relates to a rolling-element bearing for a gearing, wherein the rolling-element bearing comprises an inner bearing ring (13), an outer bearing ring (14), and at least one rolling element (15), wherein the rolling-element bearing has a sensor (19), which is rigidly arranged in relation to a gearing part or a part of the rolling-element bearing, and the rolling element comprises a depth deviation (16) on at least one lateral surface (17), wherein the depth deviation is designed in such a way that the lateral surface of the rolling element has at least two different depths along a circular path about an axis of rotation of the rolling element and the sensor is positioned in order to detect the depth deviation.

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