

Title (en)

METHOD AND DEVICE FOR PRODUCING A ROLLING BEARING CAGE FROM A SLEEVE-LIKE BLANK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES WÄLZLAGERKÄFIGS AUS EINEM HÜLSENFÖRMIGEN ROHLING

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'UNE CAGE DE PALIER À ROULEMENT À PARTIR D'UNE ÉBAUCHE EN FORME DE MANCHON

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Abstract (en)

[origin: WO2023280454A1] The present invention relates to a method for producing an angular contact bearing cage from a sleeve-like blank (1, 1'). In order to considerably reduce the manufacturing costs compared with the known solutions even for small series, the method according to the invention comprises the following steps: - Step A: providing a sleeve-like blank (1, 1') extending along an axis (A). - Step B: rolling a wall portion (1c) to be formed of the blank (1, 1'), changing the angle (α) of the wall portion (1c) to be formed relative to the axis (A) of the blank (1, 1'). - Step C: introducing rolling element pockets into the rolled wall portion (1c). Furthermore, the present invention provides a corresponding device and a correspondingly produced rolling bearing cage or angular contact bearing cage.

IPC 8 full level

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