

Title (en)  
CAMSHAFT ARRANGEMENT

Title (de)  
NOCKENWELLENANORDNUNG

Title (fr)  
AGENCEMENT D'ARBRE À CAMES

Publication  
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Application  
**EP 10766253 A 20101004**

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Abstract (en)  
[origin: WO2011042391A1] The invention relates to a camshaft arrangement (1) for changing the relative angle position of at least one cam of a camshaft (2) relative to a second cam of the camshaft (2), wherein the arrangement comprises an angular adjustment device (3) comprising a stator (4) and a rotor (5) which is arranged such that it can be rotated relative thereto. The invention is characterized in that the rotor (5) is connected to a shaft (6) in a rotationally fixed manner, the stator (4) is connected to a hollow shaft (7) in a rotationally fixed manner, and the shaft (6) and the hollow shaft (7) are arranged concentrically to one another. According to the invention, the at least one first cam is connected to the shaft (6) in a rotationally fixed manner and the at least one second cam is connected to the hollow shaft (7) in a rotationally fixed manner. In order to establish a fixed connection between stator and hollow shaft, which requires little space, the invention provides that the rotationally fixed connection between stator (4) and hollow shaft (7) is established via a cover element (8) that is rigidly connected to the stator (4), wherein the cover element (8) comprises a borehole (9) for receiving a cylindrical section (10) of the hollow shaft (7) and a force-fitting and/or form-fitting connection between cover element (8) and hollow shaft (7) is formed.

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