

Title (en)
CAMSHAFT ADJUSTING DEVICE

Title (de)
NOCKENWELLENVERSTELLVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉPHASAGE D'ARBRE À CAMES

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Application
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Abstract (en)
[origin: WO2015185043A1] The invention is based on the problem of proposing an improved lubricant supply for a camshaft adjusting device. This problem is solved by way of a camshaft adjusting device (1), wherein it has a lubricant supply (7), wherein the lubricant supply (7) has a filter device (32) for filtering the lubricant, wherein the filter device (32) has at least one lubricant inlet (33), at least one lubricant outlet (34) and at least one filter section (37), wherein the lubricant inlet (33) and the lubricant outlet (34) are connected to one another in terms of flow via the filter section (37), and wherein an output shaft (15) of the camshaft adjusting device (1) has two wall sections (36a,b), wherein the at least one filter section (37) is configured in a filter volume (35) between the two wall sections (36a,b), and wherein the lubricant inlet (33) is at a smaller spacing from the rotational axis D than the lubricant outlet (34), and the filter section (37) runs at least in sections in the radial direction with respect to the rotational axis (37).

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