

Title (en)
CAMSHAFT ADJUSTER

Title (de)
NOCKENWELLENVERSTELLER

Title (fr)
DISPOSITIF DE REGLAGE D'ARBRE A CAMES

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EP 1880086 A1 20080123 (DE)

Application
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• EP 2006003065 W 20060405
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Abstract (en)
[origin: WO2006117049A1] The invention relates to a locking unit of a camshaft adjuster (1) for an internal combustion engine, in which a locking pin (19) establishes a positive connection between an input element and an output element of the camshaft adjuster (1). The input element and/or the output element are formed by means of a plastic part. An insert (26) against which the locking pin (19) rests and which is supported relative to the plastic part in the area of an inner or outer contour is inserted into said plastic part. Providing large-area support of the contours makes it possible to use plastic as a material in spite of the great stress that occurs, particular attention being paid to a good introduction of force into the plastic part.

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