

Title (en)  
Rotor of a cam phaser

Title (de)  
Rotor eines Nockenwellenverstellers

Title (fr)  
Rotor d'un dispositif de réglage d'arbre à cames

Publication  
**EP 1811139 B1 20081008 (DE)**

Application  
**EP 07100664 A 20070117**

Priority  
• DE 102006002599 A 20060118  
• DE 102006019435 A 20060424

Abstract (en)  
[origin: EP1811139A1] The rotor has a rotor core (7), from which blades (5) leave. A locking pin (9) is guided into an interlocking opening (11), such that the pin is extendable from the rotor by a rotor surface. The opening is a sliding hole that passes through one of the blades of the rotor and is provided with two different cross sections. The opening supports a casing (21) in sections, where the casing is fixedly inserted in the opening below a surface (13) of the rotor. An independent claim is also included for a method for manufacturing a rotor of a camshaft adjuster.

IPC 8 full level  
**F01L 1/344** (2006.01); **B22F 5/08** (2006.01)

CPC (source: EP)  
**B22F 5/08** (2013.01); **F01L 1/3442** (2013.01); **B22F 2003/247** (2013.01); **B22F 2998/10** (2013.01); **F01L 2001/34453** (2013.01); **F01L 2001/34456** (2013.01); **F01L 2001/34469** (2013.01); **F01L 2303/00** (2020.05)

Citation (examination)  
EP 1762706 A2 20070314 - DELPHI TECH INC [US]

Cited by  
CN105723056A; CN102705029A; WO2016030206A1; WO2015070846A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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