

Title (en)  
MODULAR CONSTRUCTION CAMSHAFT ADJUSTER WITH A CHAIN OR BELT WHEEL

Title (de)  
MODULAR AUFGEBAUTER NOCKENWELLENVERSTELLER MIT KETTEN- ODER RIEMENRAD

Title (fr)  
MÉCANISME DE DISTRIBUTION À PROGRAMME VARIABLE DE CONCEPTION MODULAIRE, POURVU D'UNE ROUE DENTÉE À CHÂÎNE OU À COURROIE

Publication  
**EP 2215333 A1 20100811 (DE)**

Application  
**EP 08852005 A 20081104**

Priority  
• EP 2008064943 W 20081104  
• DE 102007056550 A 20071123

Abstract (en)  
[origin: US2010242876A1] A modular construction camshaft adjuster for the camshaft drive of an internal combustion engine with a chain or belt wheel, which has at least one wheel rim facing radially outwards with tooth engagement recesses, an annular wheel plate around a central circular opening and an essentially cylindrical wheel wall with a wall thickness, projecting in an axial direction from the annular wheel plate, such that the wheel wall and the wheel plate together form a cup shape. The minimum wall thickness of the essentially cylindrical wheel wall beneath the at least one wheel is equal to half the tooth engagement recess and the cup-shaped chain or belt wheel is made from a lightweight material.

IPC 8 full level  
**F01L 1/344** (2006.01); **F16H 55/06** (2006.01)

CPC (source: EP US)  
**F01L 1/3442** (2013.01 - EP US); **F01L 2301/00** (2020.05 - EP US); **F01L 2303/00** (2020.05 - EP US)

Citation (search report)  
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