

Title (en)
DISCRETE VARIABLE VALVE LIFT ENGINE SYSTEMS AND METHODS

Title (de)
DISKRETE VARIABLE VENTILHUBSYSTEME UND VERFAHREN

Title (fr)
SYSTÈMES DE MOTEUR ET PROCÉDÉS À LEVÉE DE SOUPAPE VARIABLE DISCRÈTE

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EP 3397844 A1 20181107 (EN)

Application
EP 16882398 A 20161221

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- US 201662349983 P 20160614
- US 201662350621 P 20160615
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Abstract (en)
[origin: WO2017116918A1] A switching roller finger follower for valve actuation comprises a pair of outer arms comprising an axle mounting. A bridge portion joins the pair of outer arms. A latch assembly comprises a ferrule. The ferrule is configured to reciprocate in a latch recess. An inner arm is pivotably mounted to a main axle and comprises a bearing rotatably mounted to a bearing axle. The bearing is configured to transfer forces from a cam lobe to the inner arm. A catch on the inner arm is configured to latch against the lip when the ferrule is in a first position. The catch can pivot past the ferrule when the ferrule is in a second position.

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