

Title (en)

LATCH INTERFACE FOR A VALVE ACTUATING DEVICE

Title (de)

VERRIEGELUNGSSCHNITTSTELLE FÜR EINE VENTILTRIEBVORRICHTUNG

Title (fr)

INTERFACE DE LOQUET POUR DISPOSITIF D'ACTIONNEMENT DE SOUPAPE

Publication

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Application

EP 14756458 A 20140303

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- US 201361771716 P 20130301
- US 201361771721 P 20130301
- US 201361771769 P 20130301
- US 201313868025 A 20130422
- US 201313868035 A 20130422
- US 201313868045 A 20130422
- US 201313868054 A 20130422
- US 201313868061 A 20130422
- US 201313868067 A 20130422
- US 201313868068 A 20130422
- US 2013037667 W 20130422
- US 2013037665 W 20130422
- US 201313873774 A 20130430
- US 201313873797 A 20130430
- US 2013038896 W 20130430
- US 2013068503 W 20131105
- US 201414188339 A 20140224
- US 2014019870 W 20140303

Abstract (en)

[origin: WO2014134601A1] A novel latch seat for a switching rocker arm assembly used in variable valve actuation (VVA) systems for internal combustion engines is disclosed. The seat is formed interactively in the assembled switching rocker arm using a novel fixture and press. The press interactively creates a curved dimple of the correct curvature, position and depth while measuring several lash dimensions. Since the latch seat is formed on the assembled rocker arm assembly, the latch seat depth is designed to account for the inaccuracies in the rocker arm assembly parts which create lash. Therefore all of the parts may be made with less precision since the latch seat is sized to compensate for the inaccuracies of all of the parts. The rocker arm assembly parts now may be manufactured to less stringent standards, but result in a rocker arm assembly with same accuracy those rocker arm assemblies manufactured under the previous methods.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [X] US 2010300390 A1 20101202 - MANTHER DEBORA [US]
- [YA] US 2009217895 A1 20090903 - SPATH MARK J [US], et al
- See references of WO 2014134601A1

Designated contracting state (EPC)

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