

Title (en)
INTERNAL COMBUSTION ENGINE VALVE TRAIN ADJUSTMENT DEVICE

Title (de)
BRENNKRAFTMASCHINENVENTILTRIEBVERSTELLVORRICHTUNG

Title (fr)
DISPOSITIF DE DÉPHASAGE DE DISTRIBUTION DE MOTEUR À COMBUSTION INTERNE

Publication
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Application
EP 13702744 A 20130125

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Abstract (en)
[origin: WO2013131601A1] The invention relates to a motor vehicle valve train adjustment device comprising at least one camshaft (10, 11) which comprises at least two axially displaceably arranged cam elements (12, 13, 14, 15, 16, 17, 18, 19), at least one cam element (13, 14, 17, 18) of the at least two cam elements (12, 13, 14, 15, 16, 17, 18, 19) having a cam track (20, 21, 22, 23, 24, 25, 26, 27) with valve lift and having a cam track (28, 29, 30, 31, 32, 33, 34, 35) with zero lift for cylinder deactivation. The at least one other cam element (12, 15, 16, 19) of the at least two cam elements (12, 13, 14, 15, 16, 17, 18, 19) has a cam track (36, 37, 38, 39, 40, 41, 42, 43) with a first valve lift and has a cam track (44, 45, 46, 47, 48, 49, 50, 51) with a second valve lift.

IPC 8 full level
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CPC (source: EP US)
F01L 1/04 (2013.01 - US); **F01L 1/344** (2013.01 - US); **F01L 13/0036** (2013.01 - EP US)

Cited by
US12031460B2; US12071869B2

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