

Title (en)
AUTOMATIC HYDRAULIC LASH-ADJUSTING TAPPET

Publication
EP 0212162 B1 19901227 (DE)

Application
EP 86108970 A 19860702

Priority
DE 3528432 A 19850808

Abstract (en)
[origin: ES293880U] A self-adjusting hydraulic valve tappet arranged in a guide bore of a cylinder head of an internal combustion engine and contacted at one end face by a control cam and abutting with a second end face against the end of a valve stem, the tappet consisting of a cup-shaped housing (1) comprising a hollow cylindrical wall (2) closed at one end by an end member (3) against the outside of which the cam abuts, and a cylindrical guide sleeve (6,28) concentric with the cylindrical wall (2), characterized in that the guide sleeve has at a point distant from the end member (3) an intake port (26,31,53) that opens into a duct extending to the end member (3), which is defined, on the one hand, by the outer surface of the outer piston (16) and, on the other hand, by the bore of the guide sleeve (6), and an oil transfer port (19,34) leading into the centric oil reservoir (18) is provided at the end of the inner piston (17) facing the end member (3).

IPC 1-7
F01L 1/24

IPC 8 full level
F01L 1/24 (2006.01); **F01L 1/25** (2006.01)

CPC (source: EP US)
F01L 1/25 (2013.01 - EP US)

Citation (examination)
JP S5965508 A 19840413 - AISIN SEIKI

Cited by
EP0389710A3; EP0532294A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0212162 A1 19870304; EP 0212162 B1 19901227; BR 8603773 A 19870310; DE 3528432 A1 19870219; DE 3676587 D1 19910207; ES 293880 U 19861101; ES 293880 Y 19870701; JP H0445647 B2 19920727; JP S6235004 A 19870216; US 4745889 A 19880524

DOCDB simple family (application)
EP 86108970 A 19860702; BR 8603773 A 19860807; DE 3528432 A 19850808; DE 3676587 T 19860702; ES 293880 U 19860429; JP 18204586 A 19860804; US 88080586 A 19860701