

Title (en)
Internal combustion engine valve drive

Title (de)
Ventilantrieb für eine Brennkraftmaschine

Title (fr)
Commande de soupape pour moteur à combustion interne

Publication
EP 0595060 B1 19951213 (DE)

Application
EP 93115881 A 19931001

Priority
DE 4236655 A 19921030

Abstract (en)
[origin: EP0595060A1] The valve drive of an internal combustion engine has preloaded sliding cams (3) which can be displaced axially on a camshaft (2) and can be displaced from a first position (S1), in which they act by means of a first lobe (17) on intake valves (6), into a second position (S2), in which they act by means of a second lobe (18) on the intake valves (6). In the first position (S1), the sliding cams (3) rest with a form fit against a stop (7) of a transmission element (5) arranged between the intake valves (6) and the sliding cams (3), and remain in this position for as long as their section (21) is in the region of the stop (7). When the base circle (16) of the sliding cams (3) is reached, they are displaced into the second position (S2). <IMAGE>

IPC 1-7
F01L 1/26; **F01L 13/00**

IPC 8 full level
F01L 1/04 (2006.01); **F01L 1/26** (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP US)
F01L 1/185 (2013.01 - EP US); **F01L 1/267** (2013.01 - EP US); **F01L 13/0036** (2013.01 - EP US); **F01L 1/143** (2013.01 - EP US); **F01L 2001/0475** (2013.01 - EP US); **F01L 2001/0476** (2013.01 - EP US); **F01L 2305/00** (2020.05 - EP US); **Y10T 74/2101** (2015.01 - EP US); **Y10T 74/2102** (2015.01 - EP US)

Cited by
DE102017214791A1; WO2019037942A1; DE102017214793A1; WO2019037945A1; US11002162B2

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