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(54) **Engine**

(57) An actuator (39) switches the position of a switching pin member (35) between a first position and a second position by pressurizing the switching pin member in the axial direction of a cam shaft (14). At least a portion of the switching pin member (35) overlaps with a head cover (7) when viewed from the axial direction of the cam shaft (14). The actuator (39) is arranged on the opposite side to a cam chain chamber (16) with regard to the cam shaft (14) in the axial direction of the cam shaft. The actuator (39) is arranged outside of an engine (1). The actuator (39) is positioned more to the head cover (7) side than an end section of a cylinder head (6).

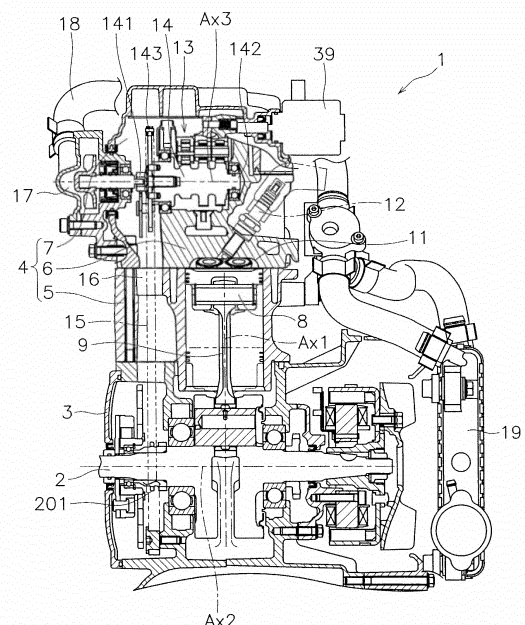


FIG. 1

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EUROPEAN SEARCH REPORT

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 EP 13 19 1025

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Place of search		Date of completion of the search	Examiner
Munich		24 November 2015	Clot, Pierre
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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