

Title (en)
ACTUATOR FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
AKTUATOR FÜR EINE VERBRENNUNGSKRAFTMASCHINE

Title (fr)
ACTIONNEUR POUR MOTEUR À COMBUSTION INTERNE

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Application
EP 10752788 A 20100907

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• EP 2010063084 W 20100907

Abstract (en)
[origin: WO2011042273A1] Known electromagnetic actuators comprising permanent magnets often have the disadvantage that returning the tappet is often not possible solely by way of permanent magnetic forces, when a distance of over 1 mm between the armature and core must be overcome. According to the invention, an actuator is proposed, in which the permanent magnet (32) is arranged in a stationary manner within the electromagnetic circuit (4) and means (34, 40) are designed for focusing axial magnetic field lines on the permanent magnetic circuit (8).

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