

Title (en)
ELECTROMAGNETIC ACTUATING APPRATUS

Title (de)
ELEKTROMAGNETISCHE STELLVORRICHTUNG

Title (fr)
DISPOSITIF DE POSITIONNEMENT ELECTROMAGNETIQUE

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Application
EP 07786507 A 20070802

Priority
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Abstract (en)
[origin: WO2008014996A1] The invention relates to an electromagnetic actuating apparatus having an elongated actuating element (16) which forms an engagement area at the end, can be moved by the force of a coil device (which is provided in a stationary manner) and has permanent magnet means (14), in places, which are designed to interact with a stationary core area (18), with a stationary bearing element (20) which acts as a yoke, being provided axially opposite the core area for the actuating element, which is in the form of a piston at least in places, and with an inlet and/or outlet channel (46) for liquid lubricant being formed in the bearing element, with the inlet and/or outlet channel being in the form of at least one aperture, recess and/or hole (46, 60, 62) which runs or run axially and is or are provided at the edge in a yoke section which is designed to interact with the permanent magnet means.

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Cited by
DE102017115975A1; DE102020109117A1; WO2021198218A1

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