

Title (en)  
ELECTROMAGNET

Title (de)  
ELEKTROMAGNET

Title (fr)  
ELECTROAIMANT

Publication  
**EP 1573212 B1 20060517 (DE)**

Application  
**EP 03789234 A 20031211**

Priority  
• DE 10259314 A 20021218  
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Abstract (en)  
[origin: WO2004055392A1] The invention relates to an electromagnet for actuating a valve. To this end, the electromagnet (28) comprises an armature (58), which can be axially displaced in an armature space (57, 77) and whose axial motion displaces a tappet (29) to the valve. The electromagnet is provided with reflux channel (71.1), which is connected to the armature space (57, 77) and via which the armature space (57, 77) is connected to a tank volume (25) in order to lead away a pressure medium leakage flow that is flowing out of the valve and into the armature space (57, 77).

IPC 8 full level  
**F15B 13/04** (2006.01); **F15B 13/044** (2006.01); **F15B 21/044** (2019.01)

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