

Title (en)
INJECTOR HAVING A SEAL AND SUPPORTING RING

Title (de)
INJEKTOR MIT DICHTUNG UND STÜTZRING

Title (fr)
INJECTEUR DOTÉ D'UN JOINT ET D'UNE BAGUE D'APPUI

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Abstract (en)
[origin: WO2007042382A1] The invention relates to an injector, in particular for injecting fuel into a combustion chamber of an internal combustion engine, having a valve element which can be displaced longitudinally in a valve housing and an annular pressure chamber which is formed between the valve housing and the valve element and has a sealing element which is arranged therein between the valve housing and the valve element, wherein the sealing element has a sealing ring and an associated supporting ring (30), and the sealing ring has a radially inwardly lying sealing face and a radially outwardly lying sealing face, characterized in that the supporting ring (30) has at least one opening (31) which is spaced apart from a radially inner and a radially outer edge region (30A, 30B) of the supporting ring (30) (figure 5a).

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