

Title (en)
BOBBIN WITH VENTING CONDUIT

Title (de)
SPULE MIT ENTLÜFTUNGSLEITUNG

Title (fr)
BOBINE À CONDUIT DE VENTILATION

Publication
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Application
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Priority

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Abstract (en)
[origin: WO2015106866A1] BOBBIN WITH VENTING CONDUIT ABSTRACT OF THE DISCLOSURE Bobbin assembly (44) of an electromagnetic actuator (30), adapted to be in a fuel injector (5), the bobbin assembly (44) comprising: -a core (93) extending along a main axis -a wire coil (92) arranged around the core (93), the coil being over-moulded so that it has a cylindrical external surface (108) extending axially from a first surface (104) to a second surface and, -an axial blind bore (43) extending axially and inwardly inside the bobbin assembly (44) from the first surface (104) to the distal end (106), the blind bore (43) adapted to accommodate a spring (33) for biasing a magnetic armature; characterized in that: the bobbin assembly (44) is further provided with a venting conduit (42) extending through the over-moulding (96) from the blind axial bore (43) to the external cylindrical surface (108). Figure 4

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