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(54) **FUEL TANK CAP**

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215/359, 361

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(57) **ABSTRACT**

A fuel tank cap at the filler neck of a motor vehicle fuel tank, with a locking gas cap, which can be swiveled about a pivoting axis and a locking part, which is disposed internally at the locking gas cap and lies against the edge of the filler neck, sealing it, in the closed position, in which it can be locked and in which the locking gas cap is spring-loaded in the opening direction, it being possible to unlock the locking gas cap and swivel it into the open position by pressing down on it briefly especially by means of a robot-guided fuel pump nozzle, the opening of the tank connection pipe, which is to be closed off, being disposed offset towards the inside at the inner end of an essentially cylindrical expansion of the tank connection pipe and that, internally, at the locking gas cap, a casing being fastened, in which a piston, which is provided with a seal that is seated on the opening that is to be closed off, is mounted axially displaceable and which, when acted upon axially by pressure, forces a blocking element radially towards the outside into a locking edge groove of the cylindrical expansion of the tank connection pipe, the piston being mounted in the casing in the form of a pushbutton switch, which locks when depressed and releases once again when depressed once more, so that the casing with the locking gas cap moves to the outside relative to the piston and the blocking element is retracted from the locking groove.

11 Claims, 2 Drawing Sheets

