

Title (en)
BURNER FOR LIQUID FUELS

Publication
EP 0507233 A3 19930224 (DE)

Application
EP 92105438 A 19920330

Priority
DE 9103964 U 19910402

Abstract (en)
[origin: EP0507233A2] In a burner for burning liquid fuel, in particular light fuel oil, - with an inner housing which surrounds a fuel pipe and in which primary combustion air can be conveyed, - with an outer housing which surrounds the inner housing at least partially and in which secondary combustion air can be conveyed, - with a housing opening of the inner housing, in the region of which a nozzle tip is arranged at the end of the fuel pipe, - it being possible to generate with the nozzle tip a fuel atomising cone, into which the primary and secondary combustion air can be introduced, - with a covering element which is movable in relation to openings in the outer and/or the inner housing, for changing the cross-section of the openings, and which is connected to a valve which controls the supply of the quantity of fuel to the fuel pipe, it is proposed that the valve has, in a valve housing, a displaceable rod piston, that there is arranged on the housing inside a projecting flange which surrounds the outside of the rod piston, and that the rod piston has on at least a part of its length a groove which is provided with variable depth over its length and which is not closed by the inside of the flange, which covers it. <IMAGE>

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F23C 7/00; **F23D 11/26**

IPC 8 full level
F23C 7/00 (2006.01); **F23D 11/26** (2006.01)

CPC (source: EP)
F23C 7/004 (2013.01); **F23C 7/008** (2013.01); **F23D 11/26** (2013.01)

Citation (search report)
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