

Title (en)  
IMPROVED BURNER FOR THE COMBUSTION OF FLUID FUELS

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Application  
**EP 92117815 A 19921019**

Priority  
IT VI910166 A 19911025

Abstract (en)  
[origin: EP0538761A2] According to the invention the burner for the combustion of combustible fluids foresees below the atomizing nozzle (2) and in correspondence with the area of the combustion flue a plurality of slits (8, 68, 78) which are aligned along their longer axis in the circumferential direction of the combustion flue and are arranged in one or more rows near the area of maximum depression. According to a preferred embodiment , the slits are made in the combustion flue. According to another embodiment the slits (78) are made in correspondence with the transversal cross-section, wherein the combustion flue (75) joins the inlet duct (74). According to another embodiment the slits (68) are made in a ring-shaped crown arranged in correspondence with the transversal cross-section, wherein the combustion flue (65) joins the inlet duct (64). <IMAGE>

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• [YD] EP 0410135 A1 19910130 - ELCO OEL & GASBRENNER [CH]  
• [Y] DE 3017050 C2 19830324

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