

Title (en)
COOKTOP

Title (de)
KOCHFELD

Title (fr)
TABLE DE CUISSON

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Application
EP 16739244 A 20160511

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Abstract (en)
[origin: WO2016181212A1] The object of the present invention is an air-gas fuel mixture feeding unit (1-4) for blown burners (BRN) of a cooktop (PC) which comprises a ramp (4) in turn comprising an air duct (401) and at least one gas duct (402) and at least one mix valve (1) in turn comprising a mixing chamber (2) within which the air mixture is formed. The mixing chamber (2) receives air and gas from a plurality of shutter assemblies (3) each of which, in turn, comprising a shutter (301) capable of being piloted to two stable positions ON/OFF in which it keeps simultaneously open/closed the corresponding air (403) and gas (404; 404', 404'') orifices associated thereto, said air orifices (403) and gas orifices (404; 404', 404'') being openings that put in communication the said air (401) and gas (402) ducts with said mixing chamber (2), respectively, and which have passage sections suitably calibrated, considering the predetermined gas and air supply pressures and the type of gas, to provide, through each of said shutter assemblies (3), the amount of gas and air required to form a mix that ensures a predetermined partial power of value Pp. By imposing the appropriate position ON or OFF to each shutter (301) of said at least two shutter assemblies (3), the variation in the power of the fed burners (BRN) is obtained.

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