

Title (en)

METHOD AND DEVICE FOR PRODUCING A FLAME, IN PARTICULAR FOR A COLOURED FLAME LAMP

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG EINER FLAMME, INSBESONDERE FÜR LAMPEN MIT FARBFLAMMEN

Title (fr)

PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE FLAMME, NOTAMMENT POUR LAMPES A FLAMME DE COULEUR

Publication

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Application

EP 02791908 A 20021127

Priority

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Abstract (en)

[origin: FR2832771A1] The invention concerns a method for producing a flame, in particular for coloured flame lamps using a low liquid flow rate at the upper end of a riser tube (4) with small cross-section, the method consisting in introducing fuel gas in the form of successive bubbles into a bubbling chamber (3) arranged at the lower end of the riser tube, the gas bubbles (13, 17) having a cross-section at least equal to the riser tube cross-section and in igniting the mixture of fuel gas and liquid and allowing it to burn at said upper end of the riser tube. The liquid can contain a chemical compound selected for colouring the flame it produces.

[origin: FR2832771A1] The slow delivery of liquid at the top of a vertical tube (4) of small transverse section uses admission of a succession of gas bubbles into a bubble chamber (3) at the bottom of the vertical tube. The gas bubbles (13,17) have a section at least equal to the transverse section of the vertical tube and rise up the tube. The gas or liquid can contain a chemical to produce a colored flame.

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