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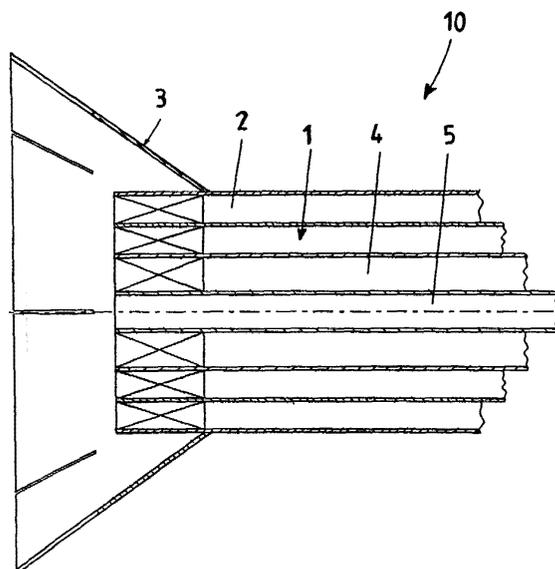
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(54) **Device for injecting solid fuels in atomised form into a cement kiln**

(57) A device (10) for injecting solid fuels in atomised form into a cement kiln (12) is installed at the mouth of a burner (11), and comprises a nozzle for liquid fuels (5), a first pipe (4), coaxial to the nozzle of liquid fuels (5), and an annular piping (1), for injecting the solid fuel in atomised form. In such device (10), the annular piping (1) is divided into a plurality of sectors (1a, 1b) converg-

ing towards the burner mouth, so as to allow the formation of alternate rich solid fuel flows, and poor solid fuel flows. The device (10) also exhibits an outside baffle (3) for addressing the primary and secondary air flows, maintaining them sufficiently separate for controlling the first stages of the combustion process relating to the NO_x formation.

Fig.2





European Patent Office

EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 June 2002	Examiner Coulomb, J
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