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(54) **Improvement in the ventilation arrangement of a fume extraction hood**

(57) A fume extractor hood comprises a planar horizontal top member adapted to collect vapours and gases flowing up from a worktop, such as a cooktop, extending therebelow, a suction conduit that is open in the middle region thereof, first suction means associated to said suction conduit, ventilation means adapted to impart a whirling motion about a vertical axis to the mixture of air and other gases contained inside a cylindrical member, wherein said ventilation means comprise an internally

hollow cylindrical member extending vertically downwards, a peripheral edge of which is placed on the outer edge of said planar horizontal top member, and a plurality of outflow channels distributed over the internal cylindrical wall of said cylindrical member, these channels being oriented vertically and provided with a plurality of respective outflow ports; such outflow ports are oriented so that the respective air flows are directed in a horizontal direction and with a limited inclination relative to the tangent to the circumference of the cylindrical member.

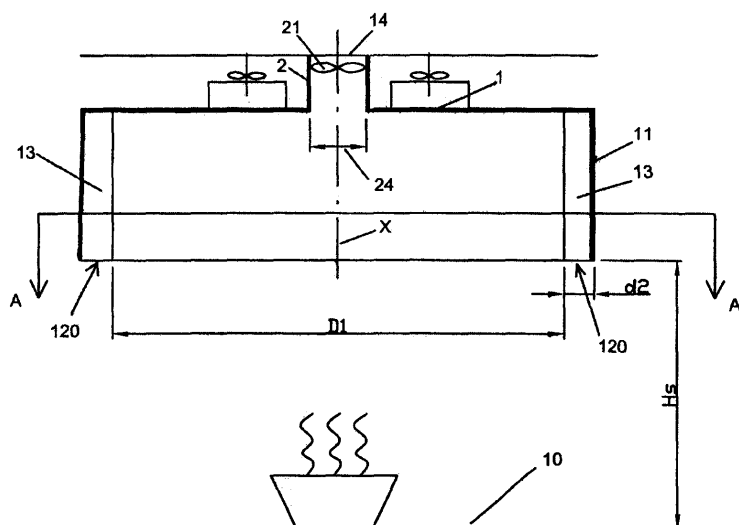


Fig. 1



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 30 May 2008	Examiner Merkt, Andreas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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