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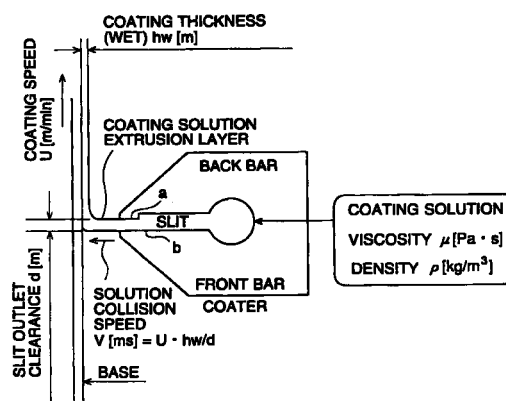
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(54) **Coating apparatus**

(57) In a coating apparatus provided with a conveyor to convey a substrate to be coated; and a coater including two surfaces (a,b) opposite to each other so that a slit is formed therebetween, a coating solution is introduced from an inlet of the slit, passes through the slit between the two surfaces and is discharged from the outlet of the slit, the gap distance d of the slit at the outlet being made so as to satisfy the following formula: $0 < d \leq 50 \times 10^{-5} \text{ (m)}$, and at least a part of the outlet section of the two surfaces (a,b) being formed by a member having a water-repelling property.

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 THE HAGUE		Date of completion of the search 2 March 2000	Examiner Magrizos, S
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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