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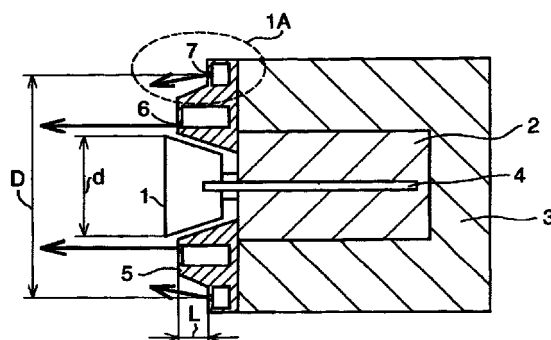
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(54) **Rotary atomizing electrostatic coating apparatus**

(57) A rotary atomizing electrostatic coating apparatus includes a plurality of shaping air nozzles (6) disposed on a first circle having its circle center on an axis of rotation of an atomizing head (1), a plurality of pattern control air nozzles (7) disposed on a second circle having a larger diameter than the first circle. The pattern control air nozzles are located at 3-100 mm on a rear side of the shaping air nozzles (6) and inside a circle having a diameter three times a diameter of the atomizing head (1). An air passable opening may be formed radially between the shaping air nozzles (6) and the pattern control air nozzles (7).

FIG. 1



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EUROPEAN SEARCH REPORT

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X	US 4 572 437 A (SCHMIDHAUSER, MARKUS ET AL) 25 February 1986 (1986-02-25) * column 3, line 36 - column 4, line 53; figure *	1,3,4	
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			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			B05B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 29 March 2000	Examiner Innecken, A
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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