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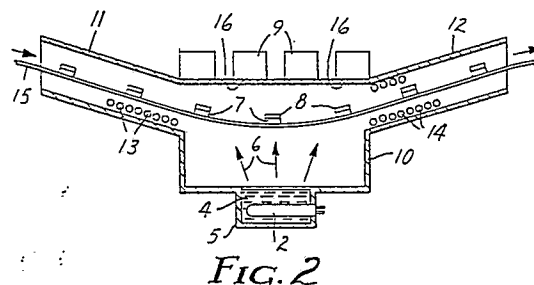
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54 Method for curing an organic coating using condensation heating and radiant energy.

57 Coatings are cured by simultaneous exposure to radiant energy and condensing inert perfluorochemical vapors. The invention also includes an apparatus for use in curing coatings having a vessel (10) with reservoir (5) filled with inert perfluorochemical liquid (4), heated by heater (2). Cooling coils (13) and (14), for condensing perfluorochemical vapors (6), are located in the inlet (11) and outlet (12) of the vessel (10). A coating (8) on a substrate (7) is carried through the vessel (10) on a continuously moving belt (15). The coating (8) is cured by vapors (6) and radiant energy from energy source (9) passing through windows (16).





DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)		
D,Y	US-A-4 517 356 (LAMBERT) * Abstract, lines 4-9; column 2, lines 35-41; figure * ---	1,5,7,9	B 05 D 1/00 B 05 D 3/04 B 05 D 3/06		
Y	FR-A-2 382 278 (DYNACHEM CORP.) * Page 24, lines 2-16; page 11, line 7 - page 16, line 29; page 26, line 34 - page 27, lines 1-3 * -----	1-5,9			
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)		
			B 05 D 3/00 C 08 J 3/00 B 05 D 7/00		
The present search report has been drawn up for all claims					
Place of search THE HAGUE		Date of completion of the search 15-06-1989	Examiner DERZ T.		
<table><tr><td>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</td><td>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</td></tr></table>				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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