

Title (en)  
A COATING APPARATUS

Publication  
**EP 0272996 B1 19930127 (EN)**

Application  
**EP 87630251 A 19871123**

Priority  
JP 28318486 A 19861128

Abstract (en)  
[origin: EP0272996A1] A coating apparatus is disclosed for applying a coating material (20) to the surface of a paper web (16). The coating apparatus includes a backing roll (12) and an applicator roll (14) which cooperates with the backing roll (12) for defining therebetween a gap (G1) for the passage therethrough of the web (16). The backing roll (12) and applicator roll (14) counter-rotate at given speeds and a nip roll (18) movably cooperates with the backing roll (12) for defining therebetween a nip section (NS 1). The nip section (NS1) is disposed downstream relative to the gap (G1) such that the web (16) extends progressively through the gap (G1) and through the nip section (NS1) so that the coating material (20) is applied to the surface of the web (16) during passage of the web through the gap (G1) and nip section (NS1).

IPC 1-7  
**B05C 1/08; D21H 23/56**

IPC 8 full level  
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CPC (source: EP KR)  
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**EP 0272996 A1 19880629; EP 0272996 B1 19930127**; AR 246572 A1 19940831; BR 8706363 A 19880726; CA 1264615 A 19900123; CN 1009440 B 19900905; CN 87107986 A 19880706; DE 3783894 D1 19930311; DE 3783894 T2 19930603; ES 2037737 T3 19930701; FI 875230 A0 19871127; FI 875230 A 19880529; FI 92021 B 19940615; FI 92021 C 19940926; IN 168498 B 19910413; JP H0677709 B2 19941005; JP S63137766 A 19880609; KR 880006420 A 19880722; KR 930011952 B1 19931222; MX 172055 B 19931201; PH 25198 A 19910327; PL 159717 B1 19930129; PL 269092 A1 19880818

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