

Title (en)
Machine for the manufacture of a fibrous web

Title (de)
Maschine zur Herstellung einer Faserstoffbahn

Title (fr)
Machine pour la fabrication d'une bande fibreuse

Publication
EP 1213387 A3 20031203 (DE)

Application
EP 01125604 A 20011026

Priority
DE 10061274 A 20001208

Abstract (en)
[origin: EP1213387A2] In a paper or cardboard manufacturing process a machine feeds a web (12) towards (L) a slot in a machine, dragging with it the boundary layer (12) of air. A charge electrode (14) is directed at the moving web, disrupting the laminar flow of the boundary layer. A counter-electrode (16) faces the first (14) on the other side of the web. The counter-electrode (16) may be a rotating drum. Also claimed is an embodiment one or more such electrostatic units is used in conjunction with a skimmer blade (32) which lifts passing turbulent air flow from the web towards a vacuum (36) inlet. A steam jet (52) emitter array (50) is directed at the web surface after the slot and moistens the web surface.

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IPC 8 full level
D21F 7/00 (2006.01); **D21G 7/00** (2006.01); **D21G 9/00** (2006.01)

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Citation (search report)

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