

Title (en)
METHOD IN THE PRODUCTION OF A WEB MATERIAL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER MATERIALBAHN

Title (fr)
PROCEDE DE PRODUCTION D'UN MATERIAU EN BANDE

Publication
EP 0968329 B2 20120404 (EN)

Application
EP 97921016 A 19970320

Priority
SE 9700466 W 19970320

Abstract (en)
[origin: US2002050328A1] Method for improving the formation of a web material in a wire machine, including dispersing existing flocks in stock which is transported along a transport direction from an inlet box onto a plurality of wire sections which are arranged after each other along the direction of travel, counteracting the reformation of flocks in the stock on the wire by furnishing ultrasound energy as ultrasound waves with frequencies between 15 and 75 kHz to the stock on the wire sections. The ultrasound has a higher frequency within at least one section which is closer to the inlet box than a subsequent section further away from the inlet box, within which subsequent section the ultrasound has as lower frequency.

IPC 8 full level
D21F 1/00 (2006.01); **D21F 1/18** (2006.01)

CPC (source: EP US)
D21F 1/18 (2013.01 - EP US); **D21F 9/003** (2013.01 - EP US)

Citation (opposition)
Opponent :

- US 4735868 A 19880405 - ROBINSON PETER W [US], et al
- FR 2110591 A5 19720602 - BELOIT CORP
- US 4391672 A 19830705 - LEHTINEN ANTTI [FI]
- US 4999088 A 19910312 - TIKKANEN TIM [ES]
- FR 1005530 A 19520411
- WO 9528521 A1 19951026 - NILSSON BO [SE]

Designated contracting state (EPC)
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US 2002050328 A1 20020502; AT E352661 T1 20070215; DE 69737300 D1 20070315; DE 69737300 T2 20070830; DE 69737300 T3 20121025; EP 0968329 A1 20000105; EP 0968329 B1 20070124; EP 0968329 B2 20120404; PT 968329 E 20070430

DOCDB simple family (application)
US 2102201 A 20011219; AT 97921016 T 19970320; DE 69737300 T 19970320; EP 97921016 A 19970320; PT 97921016 T 19970320