

Title (en)
Twin-wire forming section

Title (de)
Doppelsiebpartie

Title (fr)
Section de formage à double toile

Publication
EP 0669423 B1 19980701 (DE)

Application
EP 94120938 A 19941230

Priority
DE 4402274 A 19940127

Abstract (en)
[origin: US5584967A] A twin-wire section with a first and a second endless wire, for forming a fiber material web of a fiber suspension, notably for forming a ply of a multiply paper or cardboard web, the ply being merged on a third wire with a further ply. In the twin-wire zone formed by the first and second wires, a dewatering box (touching the one wire) that features rigid slats is contained in the loop of the one wire, while in the loop of the other wire there are contained several backing slats which can be pushed flexibly on the other wire, while a loop of one of the two wires contains a forming roll which together with said wire forms a looping zone. The forming roll has a smooth, continuous roll shell. The wire which in the looping zone is outside separates from the web and the inner wire at a distance before the end of the looping zone.

IPC 1-7
D21F 9/00; **D21F 11/04**

IPC 8 full level
D21F 9/02 (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP US)
D21F 9/003 (2013.01 - EP US); **D21F 9/006** (2013.01 - EP US); **D21F 11/04** (2013.01 - EP US)

Designated contracting state (EPC)
AT CH ES FR GB IT LI NL SE

DOCDB simple family (publication)
US 5584967 A 19961217; AT E167908 T1 19980715; CA 2141280 A1 19950728; CN 1117100 A 19960221; DE 4402274 A1 19940616; DE 4402274 C2 19950406; EP 0669423 A1 19950830; EP 0669423 B1 19980701; FI 112098 B 20031031; FI 950337 A0 19950126; FI 950337 A 19950728; JP H07300790 A 19951114

DOCDB simple family (application)
US 37865895 A 19950126; AT 94120938 T 19941230; CA 2141280 A 19950127; CN 95101360 A 19950123; DE 4402274 A 19940127; EP 94120938 A 19941230; FI 950337 A 19950126; JP 1212995 A 19950127