

Title (en)
PAPERMAKING MACHINE IN WHICH THE PAPER WEB IS SUPPORTED IN THE DRAW BETWEEN THE PRESS AND DRYER SECTIONS

Publication
EP 0346659 B1 19930811 (EN)

Application
EP 89109322 A 19890524

Priority
US 20573688 A 19880613

Abstract (en)
[origin: EP0346659A2] The invention is directed to a papermaking machine in which the wet paper web (5) is supported by the press section felt (6) as it is transferred from the press section (1) to the dryer section (2) of the machine, thereby preventing sagging and possible breakage of the web. According to the invention, the felt (6) is mounted for endless travel and passing around at least a first (9) of said dryer rolls, said felt being unsupported over a substantial distance extending between said press rolls (3, 4) and said first dryer roll (9) and said web being carried on the upper surface of the felt as said felt travels through said distance. As the wet paper web is supported in the draw, sagging and possible breaking of the web is prevented in this area. As the tendency for breakage is minimized, product loss is minimized and downtime of the machine is correspondingly decreased.

IPC 1-7
D21F 2/00; D21F 3/04; D21F 5/04

IPC 8 full level
D21F 7/00 (2006.01); **D21F 2/00** (2006.01); **D21F 3/04** (2006.01); **D21F 5/04** (2006.01)

CPC (source: EP)
D21F 2/00 (2013.01); **D21F 3/04** (2013.01); **D21F 5/04** (2013.01)

Cited by
EP0478825A1; DE4004331C1; US5169501A; WO9112370A1

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

DOCDB simple family (publication)
EP 0346659 A2 19891220; EP 0346659 A3 19910508; EP 0346659 B1 19930811; AT E92986 T1 19930815; AU 3614289 A 19891214; AU 619302 B2 19920123; CA 1337236 C 19951010; DE 68908287 D1 19930916; DE 68908287 T2 19931125; ES 2043949 T3 19940101; FI 892860 A0 19890612; FI 892860 A 19891214; FI 92847 B 19940930; FI 92847 C 19950110; JP H0226993 A 19900129; NO 892405 D0 19890612; NO 892405 L 19891214

DOCDB simple family (application)
EP 89109322 A 19890524; AT 89109322 T 19890524; AU 3614289 A 19890607; CA 601066 A 19890524; DE 68908287 T 19890524; ES 89109322 T 19890524; FI 892860 A 19890612; JP 14130689 A 19890531; NO 892405 A 19890612