

Title (en)

Drive control in a paper machine

Title (de)

Antriebsregelung in einer Papiermaschine

Title (fr)

Régulation d'entraînement dans une machine à papier

Publication

EP 1382739 A1 20040121 (EN)

Application

EP 03016228 A 20030717

Priority

JP 2002211518 A 20020719

Abstract (en)

A paper machine for stable high-speed papermaking without slackness of wet web, the paper machine including the most downstream (20 and 21) one of the press units (14 and 15, 20 and 21) along the transfer path of the wet web in the press part (Y), and the most upstream one (25a) of the dryer units (25a-25d) and the second upstream dryer (25b) unit of the dryer units (25a-25d) along the transfer path of the wet web in the dryer part (Z) are associated with three different belt mechanisms, respectively, so that the driving units of the three driving units associated with the most downstream press unit (20 and 21) and the first (25a) and second (25b) upstream dryer units are individually controlled so that a transfer speed (V0, V1, V2) of the wet web along each of the most downstream press unit (20 and 21) and the first (25a) and second (25b) upstream dryer units is individually set. <IMAGE>

IPC 1-7

D21F 7/02

IPC 8 full level

D21F 5/00 (2006.01); **D21F 3/00** (2006.01); **D21F 3/04** (2006.01); **D21F 5/04** (2006.01); **D21F 7/02** (2006.01)

CPC (source: EP US)

D21F 7/02 (2013.01 - EP US)

Citation (search report)

- [XY] DE 19956752 A1 20000921 - VOITH SULZER PAPIERTECH PATENT [DE]
- [XY] US 6024836 A 20000215 - SOLLINGER HANS-PETER [DE], et al
- [X] DE 9207656 U1 19920813

Citation (examination)

EP 1160377 A2 20011205 - METSO PAPER INC [FI]

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