

Title (en)
DRIVE FOR A FELT DRIVING CYLINDER.

Title (de)
ANTRIEB EINER FILZLEITWALZE.

Title (fr)
SYSTEME D'ENTRAINEMENT D'UN ROULEAU-GUIDE DE FEUTRE.

Publication
EP 0302905 A1 19890215 (DE)

Application
EP 88901034 A 19880112

Priority
DE 8700994 U 19870122

Abstract (en)
[origin: US4908958A] PCT No. PCT/EP88/00018 Sec. 371 Date Oct. 5, 1988 Sec. 102(e) Date Oct. 5, 1988 PCT Filed Jan. 12, 1988 PCT Pub. No. WO88/05478 PCT Pub. Date Jul. 28, 1988. A drive for the guide roll of a drying felt or wire in the drying group of a paper machine, or the like. A gear transmission drives a selected one of the paper web guide rolls, which may be a drying cylinder, in a first group of rolls. The felt or wire is wrapped around a second group of rolls comprising felt or wire guide rolls. The one felt or wire guide roll located nearest the gear transmission is connected to the shaft of a drive gear of the gear transmission via a belt drive connection. Thus, rotation of the drive gear of the gear transmission via the gear transmission drives the one selected driven roll of the first group, and via the belt drive connection drives the driven felt or wire guide roll.

Abstract (fr)
Un rouleau-guide de feutre ou de toile d'un groupe ou d'une installation de séchage de papier ayant au moins un rouleau-guide de papier (1), par exemple un rouleau de séchage, entraîné par un engrenage, comporte un système d'entraînement comme suit: depuis l'arbre (12) d'une roue (9) de l'engrenage (6) en passant par une poulie (13, 14) et une transmission par courroie (15), pour arriver au rouleau mené (1), dans le sens de rotation approprié du rouleau-guide de feutre ou de toile (2) le plus proche.

IPC 1-7
D21F 7/02

IPC 8 full level
D21F 7/02 (2006.01)

CPC (source: EP US)
D21F 7/02 (2013.01 - EP US)

Citation (search report)
See references of WO 8805478A1

Cited by
CN101845767A

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

DOCDB simple family (publication)
US 4908958 A 19900320; AT E67537 T1 19911015; CA 1333327 C 19941206; DE 3864949 D1 19911024; DE 8700994 U1 19870305; EP 0302905 A1 19890215; EP 0302905 B1 19910918; ES 2006057 A6 19890401; FI 883829 A0 19880818; FI 883829 A 19880818; FI 91546 B 19940331; FI 91546 C 19940711; JP H01501954 A 19890706; WO 8805478 A1 19880728

DOCDB simple family (application)
US 25516788 A 19881005; AT 88901034 T 19880112; CA 557222 A 19880122; DE 3864949 T 19880112; DE 8700994 U 19870122; EP 8800018 W 19880112; EP 88901034 A 19880112; ES 8800134 A 19880121; FI 883829 A 19880818; JP 50113688 A 19880112