Title (en)

A METHOD OF MANUFACTURING A COVER FOR A PRESS ROLL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER PRESSWALZENBEKLEIDUNG

Title (fr)

PROCEDE DE FABRICATION D'UNE ENVELOPPE POUR UN ROULEAU EXPRIMEUR

Publication

EP 0664843 B1 19971029 (EN)

Application

EP 93921473 A 19930909

Priority

- US 9308537 W 19930909
- US 96263692 A 19921016

Abstract (en)

[origin: WO9409208A1] A method of manufacturing a cover for a press roll includes the steps of feeding epoxy matrix (10) into a container (12) and agitating the same. Filler material (16) is added to the matrix (10) while the matrix is being agitated. The matrix (10) and filler (16) are conveyed to an application zone (18). A roll (20) of reinforcing material (22) is unwound such that the unwound reinforcing material (22) extends past the application zone (18). The agitated matrix (10) and filler (16) is applied to the unwound material (22) during passage of the material past the application zone (18). The reinforcing material (22) with the matrix (10) and filler (16) applied thereto are then spirally wound around the press roll (28) such that the press roll (28) is covered with the reinforcing material (22) impregnated with the matrix (10) and filler (16). The arrangement is such that the surface characteristics of the resultant cover are dependent on the amount and type of filler material added to the matrix (10).

IPC 1-7

D21F 3/08; D21G 1/02

IPC 8 full level

B29C 70/16 (2006.01); **D21F 3/08** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)

B30B 3/005 (2013.01); **D21F 3/08** (2013.01); **D21G 1/02** (2013.01)

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

WO 9409208 A1 19940428; CA 2146770 A1 19940428; DE 69314966 D1 19971204; DE 69314966 T2 19980326; EP 0664843 A1 19950802; EP 0664843 B1 19971029; JP 2881663 B2 19990412; JP H07508566 A 19950921

DOCDB simple family (application)

US 9308537 W 19930909; CA 2146770 A 19930909; DE 69314966 T 19930909; EP 93921473 A 19930909; JP 50999693 A 19930909