

Title (en)
REEL CHANGER

Title (de)
ROLLENWECHSLER

Title (fr)
CHANGEUR DE BOBINES

Publication
EP 1708942 B2 20120704 (DE)

Application
EP 05701605 A 20050125

Priority
• EP 2005050308 W 20050125
• DE 102004004759 A 20040130
• DE 102004030490 A 20040624

Abstract (en)
[origin: EP1790597A1] The drive for the mechanism (01) to change a paper roll (02), at a printing press, has at least one electromotor (03) to rotate the roll in its holder (06). The motor is a synchronous motor, with a direct torque transmission to the paper roll through its hollow drive shaft (04) giving a positive and friction grip on the roll by a radial carrier (11) in one piece with the shaft.

IPC 8 full level
B65H 16/10 (2006.01); **B65H 18/10** (2006.01); **B65H 19/12** (2006.01); **B65H 19/22** (2006.01); **B65H 23/185** (2006.01); **B65H 54/54** (2006.01); **B65H 75/24** (2006.01)

CPC (source: EP US)
B65H 16/103 (2013.01 - EP US); **B65H 18/10** (2013.01 - EP US); **B65H 19/12** (2013.01 - EP US); **B65H 19/126** (2013.01 - EP US); **B65H 19/2207** (2013.01 - EP US); **B65H 23/066** (2013.01 - EP); **B65H 23/185** (2013.01 - EP US); **B65H 2301/41346** (2013.01 - EP US); **B65H 2301/418523** (2013.01 - EP US); **B65H 2301/41856** (2013.01 - EP US); **B65H 2301/4187** (2013.01 - EP US); **B65H 2403/00** (2013.01 - EP US); **B65H 2403/7255** (2013.01 - EP); **B65H 2403/943** (2013.01 - EP US); **B65H 2408/241** (2013.01 - EP US); **B65H 2408/24153** (2013.01 - EP US)

Citation (opposition)
Opponent :
• WO 2005056195 A1 20050623 - WIFAG MASCHF [CH], et al
• US 2002130214 A1 20020919 - NAKAMURA DAISUKE [JP], et al

Cited by
DE102008002021A1; DE102008001796B3; DE102008002021B4; US8002215B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005073114 A2 20050811; WO 2005073114 A3 20050929; AT E357393 T1 20070415; AT E389607 T1 20080415; DE 502005000503 D1 20070503; DE 502005003377 D1 20080430; EP 1708942 A2 20061011; EP 1708942 B1 20070321; EP 1708942 B2 20120704; EP 1790597 A1 20070530; EP 1790597 B1 20080319; ES 2281893 T3 20071001; RU 2006131051 A 20080310; US 2007170299 A1 20070726

DOCDB simple family (application)
EP 2005050308 W 20050125; AT 05701605 T 20050125; AT 07103429 T 20050125; DE 502005000503 T 20050125; DE 502005003377 T 20050125; EP 05701605 A 20050125; EP 07103429 A 20050125; ES 05701605 T 20050125; RU 2006131051 A 20050125; US 58737305 A 20050125