

Title (en)
Reel-up

Title (de)
Wickelmaschine

Title (fr)
Bobineuse

Publication
EP 0943569 A3 19991117 (EN)

Application
EP 99104106 A 19990301

Priority
SE 9800838 A 19980316

Abstract (en)
[origin: EP0943569A2] A reel-up in a paper machine in which the web is reeled onto reeling drums (4) provided with cores, said reel-up having an upper pair of parallel rails (21) extending from the downstream end of the reel-up to its upstream end to support a stock (15) of reeling drums provided with cores, and a handling station (54) for handling finished reels of paper (3), reeling drums (4) and cores (14), said handling station having a vertically movable lifting table (58) for receipt of a finished reel of paper, a device (60) for moving a reeling drum out from a reel of paper on the lifting table and for subsequently inserting the reeling drum into at least one core (14) on the lifting table, and a device for feeding cores (14) out onto the lifting table. According to the invention the handling station (54) is provided with a lifting device (84) comprising two lifting elements (85) arranged to be brought into engagement with a reeling drum provided with core(s) and situated on the lifting table, and to lift this and deliver it to the upper pair of rails. Actuators (90) are connected to the lifting elements to move them from the lifting table to the delivery point at the upper pair of rails. <IMAGE>

IPC 1-7
B65H 19/30

IPC 8 full level
B65H 19/12 (2006.01); **B65H 19/22** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP)
B65H 19/126 (2013.01); **B65H 19/2261** (2013.01); **B65H 19/2292** (2013.01); **B65H 19/30** (2013.01); **B65H 2301/41496** (2013.01); **B65H 2301/4172** (2013.01); **B65H 2301/41734** (2013.01); **B65H 2301/41816** (2013.01); **B65H 2301/41818** (2013.01); **B65H 2301/41828** (2013.01)

Citation (search report)
• [A] US 4390138 A 19830628 - ROHDE GUENTER [DE], et al
• [A] US 4428543 A 19840131 - KUHN FRIEDRICH [DE]
• [A] GB 2188619 A 19871007 - TAMPELLA OY AB
• [A] EP 0244059 A2 19871104 - AHLSTROEM OY [FI]
• [A] WO 9747547 A1 19971218 - BELOIT TECHNOLOGIES INC [US], et al
• [A] US 3131880 A 19640505 - MILLER CLARENCE W, et al
• [A] US 4682929 A 19870728 - KATAOKA HIROSHI [JP]

Cited by
CN116654691A; EP1344735A1; CN102164835A; EP1571109A1; CN107235382A; CN105593148A; CN109051936A; CN107814239A; CN110316592A; CN108341291A; CN114476750A; DE10148913A1; EP1306332A3; CN114083836A; CN114132778A; US7255301B2; WO2009040867A1; WO03010079A1; WO2010034890A3; WO03010078A1; WO0061480A1; US6655629B1; WO2011114361A1; US10494214B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0943569 A2 19990922; **EP 0943569 A3 19991117**; **EP 0943569 B1 20030219**; AT E232832 T1 20030315; DE 69905410 D1 20030327; DE 69905410 T2 20030814; SE 511670 C2 19991108; SE 9800838 D0 19980316; SE 9800838 L 19990917

DOCDB simple family (application)
EP 99104106 A 19990301; AT 99104106 T 19990301; DE 69905410 T 19990301; SE 9800838 A 19980316