

Title (en)

Horizontal condenser for card set, with automatic spool changing.

Title (de)

Waagrechtlicher Verdichter für eine Kardenanlage mit automatischem Wickelwechsler.

Title (fr)

Condenseur horizontal pour une installation de cardage avec changement automatique d'enroulement.

Publication

EP 0607945 A1 19940727 (EN)

Application

EP 94100724 A 19940119

Priority

- IT MI930079 A 19930120
- IT MI930581 A 19930325

Abstract (en)

Condenser (D) of card web (V) for card set (C,P), comprising a pair of horizontally adjacent take-in rollers (15,16); a plurality of tapes guided around said rollers in alternating diverging directions to divide the card web into ribbons in a plurality of horizontally distributed banks; means for feeding the ribbons vertically to a plurality of rubbing leathers (42) and to a plurality of collecting spools (CA); and spool change-over means and spool transporting means (51,52). Said change-over means (50) comprise, for each collecting (CA) spool, a transfer roller (43), means (44) for feeding and distributing the roving (41) to said transfer cylinder, a support in the form of a pair of oscillating arms (47) for supporting a spool in the course of winding in contact with said cylinder, between a loading position and a discharging position. Said transporting means comprise at least one carriage (52) mounted so as to move on horizontal guides positioned beneath the condenser (D) and equipped with a plurality of supporting saddles (51), each for one spool. <IMAGE>

IPC 1-7

D01G 15/58; **D01G 15/62**

IPC 8 full level

D01G 15/58 (2006.01); **D01G 15/62** (2006.01)

CPC (source: EP)

D01G 15/58 (2013.01); **D01G 15/62** (2013.01)

Citation (search report)

- [DYA] FR 1143965 A 19571008
- [YA] DE 1510305 A1 19690710 - KUREHA SPINNING CO LTD, et al
- [DYA] BE 564197 A
- [DA] BE 507344 A
- [DA] FR 2240306 A1 19750307 - GELLI EDO [IT]
- [A] GB 466435 A 19370528 - SAMUEL MOORHOUSE
- [DA] FR 1076166 A 19541025 - OHG FERROVIARIE PISTOIESI GIA

Cited by

EP1216948A1; BE1009648A3; EP0683254A1

Designated contracting state (EPC)

BE DE ES GB IT

DOCDB simple family (publication)

EP 0607945 A1 19940727; **EP 0607945 B1 20020619**; DE 69430827 D1 20020725; DE 69430827 T2 20030220; ES 2178644 T3 20030101

DOCDB simple family (application)

EP 94100724 A 19940119; DE 69430827 T 19940119; ES 94100724 T 19940119