

Title (en)

METHOD AND APPARATUS FOR AUTOMATICALLY OR SEMI-AUTOMATICALLY SEPARATING TEXTILE WEB PORTIONS

Publication

EP 0070964 A3 19840606 (DE)

Application

EP 82103067 A 19820408

Priority

DE 3130335 A 19810731

Abstract (en)

[origin: EP0070964A2] The invention relates to a process and an apparatus for the automatic or semi-automatic separation of adjusted textile articles, especially knitted articles, the separating points of which are provided with fusion separation yarns, the textile articles being exposed to heat treatment by which the fusion separation yarns are melted and during this treatment are separated completely from one another. For this, the articles entering a heated finishing device on a conveyor band and connected to one another by fusion separation yarns are subjected to a surface friction effect with simultaneous heating and consequent melting of the fusion separation yarns. This is obtained in that the lower conveyor band transporting the articles has a higher speed than an upper conveyor band coming into contact with the articles above the lower conveyor band. The separated articles are removed from the separation zone by means of a further upper conveyor band which follows this upper conveyor band and the speed of which corresponds to that of the lower conveyor band. <IMAGE>

IPC 1-7

D06H 7/22

IPC 8 full level

D06H 7/22 (2006.01)

CPC (source: EP)

D06H 7/225 (2013.01)

Citation (search report)

- [YD] DE 2702112 A1 19780720 - EHEMANN SPEZIALMASCH
- [Y] FR 2348298 A1 19771110 - STAFLEX INTERNATIONAL LTD [GB]
- [A] DE 2653227 A1 19780524 - RUCKH GERHARD MASCHF
- [A] DE 2705851 A1 19780817 - RUCKH GERHARD MASCHF
- [A] FR 2439251 A1 19800516 - ROUBAIX LAINIERE

Cited by

EP0147785A3; WO2007069285A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0070964 A2 19830209; EP 0070964 A3 19840606; DE 3130335 A1 19830217

DOCDB simple family (application)

EP 82103067 A 19820408; DE 3130335 A 19810731