

Title (en)

Method and apparatus for the transport of a group of cans

Title (de)

Verfahren und Vorrichtung zum Transportieren einer Kannengruppe

Title (fr)

Procédé et appareil pour le transport d'un groupe de pots

Publication

EP 0877107 B2 20050330 (DE)

Application

EP 98105377 A 19980325

Priority

DE 19719765 A 19970510

Abstract (en)

[origin: EP0877107A2] To move bobbins, a group of bobbins together with bobbin carriers are brought into an initial workstation, and the carriers remain with the bobbins while being filled with wound material. The filled bobbins, with their carriers, are moved to the textile machines as required. Also claimed is an assembly with bobbin carriers (6,60,61,63-68) moved with the bobbin groups (31,310,311) into the initial workstation (A1) and remain at the drawing station (2) while the bobbins (3) are filled.

IPC 1-7

D01H 9/00; **D01H 9/18**

IPC 8 full level

D01H 9/10 (2006.01); **B65H 67/00** (2006.01); **D01H 9/00** (2006.01); **D01H 9/08** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)

D01H 9/00 (2013.01 - EP US)

Citation (opposition)

Opponent :

- DE 3734258 A1 19890420 - ZINSER TEXTILMASCHINEN GMBH [DE]
- DE 1781030 A1 19710603 - TMM RESEARCH LTD
- DE 579099 C 19330620 - MACKIE & SONS LTD J
- DE 3532172 A1 19870312 - TRUETZSCHLER & CO [DE]
- EP 0508365 A1 19921014 - SIRA SPA [IT]
- DE 2439769 C3 19780601

Cited by

WO2023217669A1; EP4276228A1; DE102022111675A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0877107 A2 19981111; **EP 0877107 A3 19990414**; **EP 0877107 B1 20021218**; **EP 0877107 B2 20050330**; CZ 137398 A3 19981111; DE 19719765 A1 19981112; DE 59806670 D1 20030130; US 6055792 A 20000502; US 6233904 B1 20010522

DOCDB simple family (application)

EP 98105377 A 19980325; CZ 137398 A 19980505; DE 19719765 A 19970510; DE 59806670 T 19980325; US 56248300 A 20000501; US 7323198 A 19980505