

Title (en)

Control system for a textile machine

Title (de)

Steuersystem für eine Textilmaschine

Title (fr)

Système de commande pour une machine textile

Publication

EP 0832997 A3 19981014 (DE)

Application

EP 97120984 A 19900309

Priority

- DE 3910181 A 19890329
- EP 90104538 A 19900309

Abstract (en)

[origin: EP0389849A2] What is described is a control system (10) for a textile machine, especially a ring machine, which has a plurality of production stations. Each production station is assigned production-station electronics 12 to 22 designed for the autonomous execution of at least some of the operating functions. Each section comprising a plurality of production stations in each case is assigned a section control unit (24 to 34) overriding the production-station electronics. These section control units are connected via a databus (40) to a machine control unit (36) provided at a further overriding hierarchical level. <IMAGE>

IPC 1-7

D01H 13/32

IPC 8 full level

D01H 1/32 (2006.01); **B65H 63/00** (2006.01); **D01H 9/02** (2006.01); **D01H 13/14** (2006.01); **D01H 13/32** (2006.01); **D01H 15/00** (2006.01);
G05B 19/04 (2006.01)

CPC (source: EP)

B65H 63/00 (2013.01); **D01H 13/14** (2013.01); **D01H 13/32** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [Y] EP 0026110 A1 19810401 - PARKS CRAMER CO [US]
- [AD] DE 3005746 A1 19810827 - SCRAGG & SONS [GB]
- [Y] WARD A. GARRABRANT: "A Hierarchical Programmable Controller System for Batch Material Handling", IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS., vol. IA-20, no. 1, January 1984 (1984-01-01), NEW YORK US, pages 32 - 36, XP002074205
- [AP] PATENT ABSTRACTS OF JAPAN vol. 013, no. 553 (C - 663) 8 December 1989 (1989-12-08)

Cited by

US6937918B2; FR2816331A1; DE10153457A1; DE10153457B4; DE10212712A1; DE10212712B4; EP1065303A1; CZ300536B6;
DE19930714C5; US6694211B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0389849 A2 19901003; **EP 0389849 A3 19910529**; **EP 0389849 B1 19980729**; **EP 0389849 B2 20031126**; DE 3910181 A1 19901004;
DE 59010839 D1 19980903; DE 59010928 D1 20020808; EP 0832997 A2 19980401; EP 0832997 A3 19981014; EP 0832997 B1 20020703;
JP H0333231 A 19910213

DOCDB simple family (application)

EP 90104538 A 19900309; DE 3910181 A 19890329; DE 59010839 T 19900309; DE 59010928 T 19900309; EP 97120984 A 19900309;
JP 7712890 A 19900328