

Title (en)

Service interruption processing system for yarn winding machine

Title (de)

Arbeitsunterbrechungsverarbeitungssystem für eine Garnaufwickelmaschine

Title (fr)

Système de traitement d'une interruption de service pour un bobinoir de fils textiles

Publication

**EP 0908411 A3 19990721 (EN)**

Application

**EP 98116107 A 19980826**

Priority

JP 25025597 A 19970916

Abstract (en)

[origin: EP0908411A2] To provide a service interruption processing system wherein service interruptions are concurrently detected to allow winding units U to perform a predetermined operation until they stop, thereby enabling a yarn winding machine to easily recover to a winding-enabled state once the service interruption has been eliminated. A service interruption processing system has a system power supply 25 that supplies a current to each of a large number of winding units U, service interruption detecting means 26 for detecting interruptions of the system power supply 25, and an exclusive signal line 28 used by the service interruption means 26 to concurrently transmit a service interruption detecting signal to a large number of winding control apparatuses 8. <IMAGE>

IPC 1-7

**B65H 54/22**

IPC 8 full level

**B65H 54/70** (2006.01); **B65H 54/22** (2006.01); **D01H 13/14** (2006.01)

CPC (source: EP KR)

**B65H 54/22** (2013.01 - EP KR); **B65H 2557/30** (2013.01 - KR); **B65H 2701/31** (2013.01 - EP KR)

Citation (search report)

- [A] DE 4338283 A1 19950511 - SCHLAFHORST & CO W [DE]
- [A] DE 3644433 A1 19880707 - SCHLAFHORST & CO W [DE]
- [A] US 5113123 A 19920512 - NOSER HANS [CH], et al
- [A] US 4879475 A 19891107 - RUEGE JOACHIM [DE], et al
- [A] DE 4335089 A1 19940421 - MURATA MACHINERY LTD [JP]

Cited by

EP1460016A1

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 0908411 A2 19990414**; **EP 0908411 A3 19990721**; **EP 0908411 B1 20020724**; CN 1184124 C 20050112; CN 1211532 A 19990324; DE 69806712 D1 20020829; DE 69806712 T2 20030403; JP 3006562 B2 20000207; JP H1179555 A 19990323; KR 19990029813 A 19990426; TW 384322 B 20000311

DOCDB simple family (application)

**EP 98116107 A 19980826**; CN 98119516 A 19980916; DE 69806712 T 19980826; JP 25025597 A 19970916; KR 19980038000 A 19980915; TW 87112477 A 19980729