

Title (en)

Power failure handling system for automatic winder

Title (de)

Stromausfalls-Handtierungssystem für automatische Spülmaschine

Title (fr)

Système pour commander des bobinoirs automatiques pendant une coupure de courant

Publication

EP 1369371 A2 20031210 (EN)

Application

EP 03011437 A 20030520

Priority

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Abstract (en)

The present invention relates to a power failure system for an automatic winder having a large number of yarn winding units each driven by an individual spindle drive. If a power failure occurs in the automatic winder each yarn winding unit is to be stopped to avoid the creation of scrambled packages. If a power failure detecting section 29 detects a power failure, a motor 21 undergoes slowdown stop control. A regenerative power generating section 30 supplies a unit control section 27 with regenerative power resulting from this slowdown stop control. The unit control section 27 uses the supplied regenerative power to activate a lift-up mechanism 2a to separate a winding package P from a winding drum 3 (Fig. 1).
<IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

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EP 1369371 A2 20031210; **EP 1369371 A3 20040526**; **EP 1369371 B1 20070718**; DE 60314942 D1 20070830; DE 60314942 T2 20080403; JP 2004001980 A 20040108; JP 3885665 B2 20070221

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