

Title (en)
SPARE PAPER ROLL

Title (de)
VORRATSBAHNROLLE

Title (fr)
BANDE DE RESERVE DE ROULEAU

Publication
EP 0946403 A1 19991006 (DE)

Application
EP 97952748 A 19971219

Priority
• DE 9702983 W 19971219
• DE 19653814 A 19961221

Abstract (en)
[origin: DE19653814A1] An active code carrier is located inside a spare paper roll (1) provided with a cover (3). Said code carrier (12) interacts with a reading head or a writing/reading head (27-29). This enables roll-specific data to be read or updated at any given time irrespective of the presence of packaging or any outer paper windings. This is particularly useful for driverless transport systems and semiautomatic or fully automatic roll handling.

IPC 1-7
B65H 18/28

IPC 8 full level
B65H 18/28 (2006.01); **B65H 26/00** (2006.01); **B65H 75/02** (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP US)
B65H 18/28 (2013.01 - EP US); **B65H 26/00** (2013.01 - EP US); **B65H 75/182** (2013.01 - EP US); **B65H 2511/40** (2013.01 - EP US); **B65H 2557/13** (2013.01 - EP US); **B65H 2701/124** (2013.01 - EP US); **B65H 2701/52** (2013.01 - EP US); **Y10S 242/912** (2013.01 - EP US)

Citation (search report)
See references of WO 9828213A1

Designated contracting state (EPC)
CH DE FI FR GB IT LI SE

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DE 19653814 A1 19980625; DE 59706138 D1 20020228; EP 0946403 A1 19991006; EP 0946403 B1 20020109; JP 2000506826 A 20000606; JP 3494663 B2 20040209; US 6334587 B1 20020101; WO 9828213 A1 19980702

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DE 19653814 A 19961221; DE 59706138 T 19971219; DE 9702983 W 19971219; EP 97952748 A 19971219; JP 52823398 A 19971219; US 31994399 A 19990830