

Title (en)
Method and device for winding a plurality of yarn batches simultaneously

Title (de)
Verfahren und Vorrichtung zum gleichzeitigen Wickeln einer Mehrzahl von Garnpartien

Title (fr)
Procédé et dispositif pour bobiner simultanément plusieurs lots de fils textiles

Publication
EP 0796812 A1 19970924 (EN)

Application
EP 97200735 A 19970312

Priority
IT MI960524 A 19960318

Abstract (en)
An automatic winding machine for simultaneously winding a plurality of yarn batches to be fed to separate stations (12) of the winding machine, in which the packages (2) are carried by transporting caddies (1) each identified by its own code which distinguishes it from all other caddies, the code being associated with the identification of the type of package loaded onto it, the winding stations being provided with code readers (39) to identify the caddy in transit and hence its package batch. <IMAGE>

IPC 1-7
B65H 67/06; **D01H 9/18**

IPC 8 full level
B65H 67/06 (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP)
B65H 67/06 (2013.01); **B65H 67/063** (2013.01); **D01H 9/187** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [YAX] EP 0593808 A1 19940427 - SCHLAFHORST & CO W [DE]
• [Y] DE 4317266 A1 19931125 - MURATA MACHINERY LTD [JP]
• [YD] FR 1571158 A 19690613
• [A] DE 4113092 A1 19921029 - RIETER AG MASCHF [CH]
• [A] US 5279729 A 19940118 - TONE SHOICHI [JP], et al
• [A] US 4634066 A 19870106 - MATSUI ISAMU [JP], et al

Cited by
CN108639861A; CN114194940A; EP4011814A1; IT202000030203A1

Designated contracting state (EPC)
BE CH DE ES FR GB LI

DOCDB simple family (publication)
EP 0796812 A1 19970924; **EP 0796812 B1 20000119**; CN 1075028 C 20011121; CN 1163855 A 19971105; DE 69701159 D1 20000224; DE 69701159 T2 20000713; ES 2141573 T3 20000316; IT 1283270 B1 19980416; IT MI960524 A0 19960318; IT MI960524 A1 19970918

DOCDB simple family (application)
EP 97200735 A 19970312; CN 97103495 A 19970318; DE 69701159 T 19970312; ES 97200735 T 19970312; IT MI960524 A 19960318