

Title (en)
Residual lap removing apparatus.

Title (de)
Vorrichtung zum Entfernen von Faserwickelresten.

Title (fr)
Dispositif pour enlever des residus des nappes de fibres.

Publication
EP 0576029 A1 19931229 (EN)

Application
EP 93110206 A 19930625

Priority
JP 16964692 A 19920626

Abstract (en)
A residual lap removing apparatus for efficiently removing a residual lap from a lap bobbin. A swing arm swings around a rotary shaft, a lap bobbin conveyor disposed on one side of the rotary shaft conveys a lap bobbin, a residual lap removing unit disposed on the other side of the rotary shaft blows jet of air against the residual lap on the lap bobbin, a lap bobbin holding mechanism mounted on the free end of the swing arm axially holds and then rotates the lap bobbin, and a driving mechanism turns the rotary shaft so that the lap bobbin held by the lap bobbin holding mechanism is disposed alternately at a lap bobbin catching position corresponding to the lap bobbin conveyor and a residual lap removing position corresponding to the residual lap removing unit. <IMAGE>

IPC 1-7
B65H 73/00

IPC 8 full level
B65H 19/30 (2006.01); **B65H 73/00** (2006.01); **D01G 27/00** (2006.01)

CPC (source: EP)
B65H 73/00 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [YD] JP H0379563 A 19910404 - MURAO BOKI KK
• [YD] JP S5422528 A 19790220 - YUASA BATTERY CO LTD
• [A] FR 1343418 A 19631115 - TERRELL MACH CO

Cited by
CN110790090A; CN109279416A; CN110803586A; CN113439017A

Designated contracting state (EPC)
DE ES IT

DOCDB simple family (publication)
EP 0576029 A1 19931229; EP 0576029 B1 19950927; DE 69300545 D1 19951102; JP H0617324 A 19940125

DOCDB simple family (application)
EP 93110206 A 19930625; DE 69300545 T 19930625; JP 16964692 A 19920626