

Title (en)

SAW-TOOTH WIRE FOR A SET OF ROLLERS

Title (de)

SÄGEZAHNDRAHT FÜR EINE WALZENGARNITUR

Title (fr)

GARNITURE EN DENTS DE SCIE DESTINEE A UN ENSEMBLE DE CYLINDRES

Publication

EP 1373611 B1 20070704 (DE)

Application

EP 02724213 A 20020308

Priority

- DE 10114108 A 20010322
- EP 0202576 W 20020308

Abstract (en)

[origin: WO02077338A1] The invention relates to a saw-tooth wire for a set of rollers, especially for a stripper roller for a roller card. In order to improve the take-over and delivery properties of the stripper roller to a subsequent stuffer roller, the back angle of the individual teeth increases from the root to the tip of the tooth. Owing to this tooth design, the tooth back is steep in the area of the tip, thereby improving the delivery properties of the stripper roller to the subsequent stuffer roller, while the breast angle is large, thereby facilitating the take-over of fibers from the tambour that rotates at a higher speed.

IPC 8 full level

D01G 15/84 (2006.01); **D01G 15/88** (2006.01)

CPC (source: EP US)

D01G 15/84 (2013.01 - EP US); **D01G 15/88** (2013.01 - EP US)

Cited by

CN103741275A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02077338 A1 20021003; AT E366330 T1 20070715; DE 10114108 A1 20021002; DE 10114108 B4 20050519; DE 50210413 D1 20070816; EP 1373611 A1 20040102; EP 1373611 B1 20070704; US 2004154137 A1 20040812; US 6874203 B2 20050405

DOCDB simple family (application)

EP 0202576 W 20020308; AT 02724213 T 20020308; DE 10114108 A 20010322; DE 50210413 T 20020308; EP 02724213 A 20020308; US 47262504 A 20040326