

Title (en)

APPARATUS ON A CARDING MACHINE WITH WANDERING FLATS IN THE FORM OF FLAT BARS WITH CLOTHING

Publication

EP 0361219 A3 19910710 (DE)

Application

EP 89117009 A 19890914

Priority

- DE 3832484 A 19880924
- DE 3907396 A 19890308

Abstract (en)

[origin: JPH02191724A] PURPOSE: To rapidly replace flat bars by mutually engaging the outside of a belt with the ends of the flat bars in a complimentary shape. CONSTITUTION: Flat heads are easily produced and fitted without using other fitting materials such as bolts or the likes by binding the flat heads (longitudinal ends of flat bars 14', 14", 14'" and so forth) with a belt 16. The ends of flat bars are pulled forward on a slide guide 17 during driving and the flat heads are mildly overlapped on the belt when they travel back on the side opposite to the slide guide of a rotative flat, thus the flat bars are removable therefrom and replaced.

IPC 1-7

D01G 15/24

IPC 8 full level

D01G 15/24 (2006.01)

CPC (source: EP US)

D01G 15/24 (2013.01 - EP US)

Citation (search report)

- [XD] FR 1243022 A 19601007 - SCHUBERT & SALZER MASCHINEN
- [A] DE 2816900 A1 19791025 - WOLTERS PETER FA
- [A] EP 0144184 A1 19850612 - CARDING SPEC CANADA [CA]

Cited by

DE19534617A1; EP0753610A1; FR2674262A1; WO9214873A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0361219 A2 19900404; EP 0361219 A3 19910710; EP 0361219 B1 19940504; EP 0361219 B2 20020102; BR 8904804 A 19900501; CH 682158 A5 19930730; FR 2636976 A1 19900330; FR 2636976 B1 19930326; GB 2224043 A 19900425; GB 2224043 B 19920930; GB 8921570 D0 19891108; IT 1231068 B 19911112; IT 8921641 A0 19890906; IT 8921811 A0 19890925; JP 2738960 B2 19980408; JP H02191724 A 19900727; US 4955111 A 19900911

DOCDB simple family (application)

EP 89117009 A 19890914; BR 8904804 A 19890922; CH 356489 A 19890922; FR 8912530 A 19890925; GB 8921570 A 19890925; IT 2164189 A 19890906; IT 2181189 A 19890925; JP 24659289 A 19890925; US 41136289 A 19890925