

Title (en)

CROSS BELT FOR A SLIVER FORMING UNIT OF A CARD

Title (de)

QUERBAND FÜR EINE BANDBILDUNGSEINHEIT EINER KARDE

Title (fr)

COURROIE TRANSVERSALE POUR UNE UNITÉ FORMATRICE DE BANDE D'UNE CARDE

Publication

**EP 3543384 B1 20210512 (DE)**

Application

**EP 19160972 A 20190306**

Priority

CH 3722018 A 20180321

Abstract (en)

[origin: CN110295420A] The invention relates to a sliver forming unit of a carding machine. In a cross belt (18) for the sliver forming unit (16) of the carding machine (1), the cross belt (18) is a continuous belt having a length (A) and a width (B) and having an inner surface (19) for guiding use on a pulley (21) and an outer surface (20) used for pressing a cotton screen. The outer surface (20) is provided with at least two boundary members (22) symmetrically arranged on the cross belt (18) with a gap therebetween and extending in the total length (A) of the cross belt (18), with the gap being 30 mm to 50 mm. Accordingly, the cross belt (18) has the width (B) of 80 mm to 110 mm.

IPC 8 full level

**D01H 5/72** (2006.01); **B65H 51/14** (2006.01); **D01G 15/46** (2006.01); **D01G 15/50** (2006.01); **D01H 13/04** (2006.01)

CPC (source: CH CN EP)

**B65H 51/14** (2013.01 - EP); **D01G 15/46** (2013.01 - CN); **D01G 15/50** (2013.01 - CH EP); **D01H 13/04** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Cited by

CN113753659A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3543384 A1 20190925**; **EP 3543384 B1 20210512**; CH 714816 A1 20190930; CN 110295420 A 20191001; CN 110295420 B 20220913

DOCDB simple family (application)

**EP 19160972 A 20190306**; CH 3722018 A 20180321; CN 201910213905 A 20190320