

Title (en)
COMBING MACHINE

Title (de)
KÄMMMASCHINE

Title (fr)
PEIGNEUSE

Publication
EP 2646607 A1 20131009 (DE)

Application
EP 11791421 A 20111128

Priority
• CH 20102010 A 20101130
• CH 2011000289 W 20111128

Abstract (en)
[origin: WO2012071675A1] The invention relates to a combing machine (1) having a plurality of combing points (K1-K8), wherein the slivers (F) which are formed at the individual combing points are fed via guide elements (T, 3) to a drawing-frame unit (SE) and the fibre fleece (V) which is discharged from the drawing-frame unit is combined via a fleece gathering means to form a sliver (F1) which is discharged onto a driven transport means (TB) which transfers the sliver to a delivery point (UB), at which the sliver (F1) is deflected and is discharged in the vertical direction downwards to a sliver lay (BA). In order to avoid a sliver break in the region of the delivery point to a sliver lay, even at high transport speeds, it is proposed, in order to increase the adhesive force of the sliver, to provide a calender roll pair (18) which is connected to a drive (AT) between the fleece gathering means (4, 14, 44) and the transport means (TB), wherein lateral guides (S1, S2) for the sliver (F1) which is guided through the nip point (KP) are arranged in the region of the nip point (KP) of the calender roll pair.

IPC 8 full level
D01G 19/14 (2006.01); **D01G 21/00** (2006.01); **D01H 5/72** (2006.01)

CPC (source: EP)
D01G 19/14 (2013.01); **D01G 21/00** (2013.01); **D01H 5/72** (2013.01)

Citation (search report)
See references of WO 2012071675A1

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)
CH 704141 A2 20120531; CN 103228828 A 20130731; CN 103228828 B 20151202; EP 2646607 A1 20131009; EP 2646607 B1 20150318; JP 2014501856 A 20140123; WO 2012071675 A1 20120607

DOCDB simple family (application)
CH 20102010 A 20101130; CH 2011000289 W 20111128; CN 201180057595 A 20111128; EP 11791421 A 20111128; JP 2013541164 A 20111128