

Title (en)

Clothing of a fixed comb in a textile combing machine

Title (de)

Garnitur an einem Fixkamm einer textilen Kamm-Maschine

Title (fr)

Garniture de peigne fixe dans une peigneuse textile

Publication

EP 1526193 B2 20181205 (DE)

Application

EP 03024208 A 20031021

Priority

EP 03024208 A 20031021

Abstract (en)

[origin: EP1526193A1] The clothing for a fixed or rotating comb, in a textile combing machine, has a number of adjacent needles (1) each with a foot (4) and a pointed tip (3) and a shoulder (6) transit between the foot and the tip. A free passage space (5) is between the tips of neighboring needles, to allow fibers to pass through during combing. The needles are produced in a stamping as a row (2) of needles, to give a needle density of ≥ 33 needles/cm.

IPC 8 full level

D01G 15/84 (2006.01); **D01G 15/88** (2006.01); **D01G 19/04** (2006.01); **D01G 19/10** (2006.01)

CPC (source: EP KR US)

D01G 15/00 (2013.01 - KR); **D01G 15/84** (2013.01 - KR); **D01G 15/88** (2013.01 - EP KR US); **D01G 19/00** (2013.01 - KR); **D01G 19/105** (2013.01 - EP US)

Citation (opposition)

Opponent :

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- EP 1255883 B1 20040929 - STAEDTLER & UHL [DE]
- DE 10126737 A1 20021205 - STAEDTLER & UHL KG [DE]
- DE 2024357 A1 19701217
- JP S523467 A 19770111 - SARTORIUS WERKE GMBH
- WO 0131098 A1 20010503 - STAEDTLER & UHL [DE], et al
- CH 157628 A 19321015 - NASMITH S INVENTIONS LIMITED [GB]
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- DE 19531605 C2 20010719 - GRAF & CO AG [CH]
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EP2230337A1; EP2298969A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1526193 A1 20050427; **EP 1526193 B1 20070110**; **EP 1526193 B2 20181205**; CN 100519850 C 20090729; CN 1871379 A 20061129; DE 50306267 D1 20070222; JP 2007509246 A 20070412; JP 4547382 B2 20100922; KR 101050627 B1 20110719; KR 20060116804 A 20061115; US 2007067962 A1 20070329; US 7418768 B2 20080902; WO 2005040464 A1 20050506

DOCDB simple family (application)

EP 03024208 A 20031021; CN 200480031212 A 20041018; DE 50306267 T 20031021; EP 2004011720 W 20041018; JP 2006536025 A 20041018; KR 20067007568 A 20041018; US 57671104 A 20041018