

Title (en)
TOP COMB

Title (de)
FIXKAMM

Title (fr)
PEIGNE FIXE

Publication
EP 1222327 A1 20020717 (DE)

Application
EP 00966154 A 20001011

Priority
• DE 19951126 A 19991023
• EP 0009978 W 20001011

Abstract (en)
[origin: US6591458B1] The invention relates to a top comb for a textile treating or processing machine, especially a combing machine. Said top comb comprises a plurality of needles that are arranged in at least one row in a side-by-side parallel relation. Said needles, at least in some sections, have a pitch unequal 90° relative to the theoretical plane of movement of the fiber strip to be combed. A nipper unit is mounted before the top comb in the direction of movement and a pair of take-down rollers after the top comb. The aim of the invention is to improve the combing capacity of such a top comb. To this end, the needles of the top comb have a pitch (alpha) 92°, especially 95° in the area of the free needle point.

IPC 1-7
D01G 19/10

IPC 8 full level
D01G 19/10 (2006.01)

CPC (source: EP US)
D01G 19/10 (2013.01 - EP US)

Citation (search report)
See references of WO 0131098A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6591458 B1 20030715; AT E257185 T1 20040115; AU 7664400 A 20010508; CN 1215207 C 20050817; CN 1382235 A 20021127; DE 19951126 A1 20010426; DE 50004940 D1 20040205; EP 1222327 A1 20020717; EP 1222327 B1 20040102; ES 2211619 T3 20040716; JP 2003513173 A 20030408; PT 1222327 E 20040531; WO 0131098 A1 20010503

DOCDB simple family (application)
US 11130302 A 20020423; AT 00966154 T 20001011; AU 7664400 A 20001011; CN 00814561 A 20001011; DE 19951126 A 19991023; DE 50004940 T 20001011; EP 0009978 W 20001011; EP 00966154 A 20001011; ES 00966154 T 20001011; JP 2001533229 A 20001011; PT 00966154 T 20001011