

Title (en)
Apparatus for the longitudinal orientation of wood strands

Title (de)
Vorrichtung zur Längsorientierung von länglichen Holzspänen

Title (fr)
Dispositif d'orientation longitudinale de copeaux de bois longs

Publication
EP 1475205 A3 20060329 (DE)

Application
EP 04010636 A 20040507

Priority
DE 10321116 A 20030509

Abstract (en)
[origin: EP1475205A2] Device for longitudinal orientation of elongated scattering material, especially flat elongated wood chips (strands) used in the manufacture of oriented strand board, comprises an orientation unit (5) for scattering the scattering material in a longitudinally oriented manner onto a continuous belt (6). The orientation unit consists of parallel rotating shafts with vertically aligned disks (10) arranged an axial distance part. Blade elements (11) arranged between axially adjacent disks form chambers. Preferred Features: Four blade elements are uniformly distributed between two adjacent disks.

IPC 8 full level
B27N 3/14 (2006.01); **B07B 1/15** (2006.01)

CPC (source: EP US)
B27N 3/143 (2013.01 - EP US)

Citation (search report)

- [A] EP 1059124 A2 20001213 - BAYER MANFRED [DE]
- [DA] EP 0175015 A1 19860326 - SCHENCK AG CARL [DE]
- [DA] US 6276511 B1 20010821 - IREDI HANS-JOACHIM [DE], et al
- [DA] DE 19544866 A1 19970605 - SIEMPELKAMP GMBH & CO [DE]

Cited by
WO2016162244A3

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1475205 A2 20041110; EP 1475205 A3 20060329; DE 10321116 A1 20041125; DE 10321116 B4 20100325; US 2004250900 A1 20041216

DOCDB simple family (application)
EP 04010636 A 20040507; DE 10321116 A 20030509; US 83340704 A 20040427