

Title (en)

Process and apparatus for static mixing, especially for the glueing of lignocellulosic fibers using a binder

Title (de)

Verfahren und Vorrichtung zum statischen Mischen, insbesondere zur Beleimung von lignocellulosehaltigen Fasern mit einem Bindemittel

Title (fr)

Procédé et dispositif de mélange statique, en particulier pour l'encollage des fibres lignocellulosiques en utilisant un liant

Publication

**EP 1514592 B1 20070307 (DE)**

Application

**EP 04019796 A 20040820**

Priority

DE 10341960 A 20030911

Abstract (en)

[origin: EP1514592A1] In a process to make chipboard wood particles are shredded and then mixed with a binding agent. The particles advance through a mixer (10) tunnel with mixer tools (11-16), at least one of which is at rest. The mixer tool positions are adjustable and regulate the mixer operation.

IPC 8 full level

**B01F 23/57** (2022.01); **B27N 1/02** (2006.01)

CPC (source: EP US)

**B01F 25/3141** (2022.01 - EP); **B01F 25/4311** (2022.01 - EP US); **B01F 35/20** (2022.01 - EP); **B01F 35/2113** (2022.01 - EP); **B01F 35/222** (2022.01 - EP); **B01F 35/2221** (2022.01 - EP US); **B27N 1/029** (2013.01 - EP)

Cited by

US7281844B2; EP2769762A1; US11766807B2; DE102015107321A1; US10376852B2; US10500551B2; US10737227B2; WO2015166232A1; WO2015166233A1

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 1514592 A1 20050316**; **EP 1514592 B1 20070307**; AT E355890 T1 20070315; DE 10341960 A1 20050414; DE 10341960 B4 20080207; DE 502004003109 D1 20070419

DOCDB simple family (application)

**EP 04019796 A 20040820**; AT 04019796 T 20040820; DE 10341960 A 20030911; DE 502004003109 T 20040820