

Title (en)

Gluing unit for wood-based panel production plants, and a plant using the gluing unit

Title (de)

Klebevorrichtung für Holzverbundplatten-Herstellungsanlagen, und Anlage zu ihrer Anwendung

Title (fr)

Dispositif de collage pour installations de fabrication de plaques composites en bois, et installation l'utilisant

Publication

**EP 0805008 A1 19971105 (EN)**

Application

**EP 97106328 A 19970417**

Priority

IT MI960862 A 19960502

Abstract (en)

The gluing unit for wood-based panel production plants comprises a gluing machine provided with a cylindrical shell of substantially horizontal axis, at one end of which there is provided an entry opening through which the wood fibres or chips are fed, at the other end there being provided an exit opening. Within the cylindrical shell there is provided a mixing means for the wood mass passing through the cylindrical shell. The machine comprises spray nozzles for spraying liquid glue onto the wood mass passing through the cylindrical shell, the nozzles being distributed along the entire or a large part of the length of the cylindrical shell. The gluing unit can consist of several gluing machines arranged in cascade. <IMAGE>

IPC 1-7

**B27N 1/02**

IPC 8 full level

**B01F 7/02** (2006.01); **B27N 1/02** (2006.01); **B01F 7/00** (2006.01)

CPC (source: EP KR)

**B01F 27/62** (2022.01 - EP); **B27G 11/00** (2013.01 - KR); **B27N 1/0245** (2013.01 - EP); **B27N 3/08** (2013.01 - KR); **E04C 2/12** (2013.01 - KR); **E04C 2/16** (2013.01 - KR); **B01F 27/112** (2022.01 - EP)

Citation (search report)

- [XY] DE 2653711 A1 19780601 - DRAISWERKE GMBH
- [XY] GB 961410 A 19640624 - DRAISWERKE GMBH
- [Y] DE 2738971 A1 19790322 - DRAISWERKE GMBH
- [Y] DE 1228402 B 19661110 - MAX HIMMELHEBER DIPL ING, et al
- [A] DE 1104164 B 19610406 - MAX HIMMELHEBER DIPL ING
- [A] GB 759009 A 19561010 - DRAISWERKE GMBH
- [A] US 3924835 A 19751209 - HOHNFELD PETER, et al

Cited by

IT201800002264A1; EP2347874A1; CN108356952A; CN103189171A; EP1018415A1; WO2012167991A1; WO2017216140A3

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0805008 A1 19971105**; CA 2204175 A1 19971102; IT 1282399 B1 19980320; IT MI960862 A0 19960502; IT MI960862 A1 19971102; KR 970073913 A 19971210; TR 199700331 A2 19971121

DOCDB simple family (application)

**EP 97106328 A 19970417**; CA 2204175 A 19970430; IT MI960862 A 19960502; KR 19970016923 A 19970501; TR 9700331 A 19970501