

Title (en)

Apparatus for manufacturing and face wedge joints or end face finger joints for length jointing of workpieces and the joint made with this apparatus

Title (de)

Anlage zur Fertigung der Stirnkeilverbindungen bzw. Stirnzinkenverbindungen, zur Längsverbindung der Werkstücke und die Verbindung, gefertigt mit dieser Anlage

Title (fr)

Dispositif de fabrication de joint à clavette en bout respectivement joint à dents en bout pour assemblage longitudinal et joint obtenu par ce dispositif

Publication

**EP 0870584 A3 20001220 (DE)**

Application

**EP 97108828 A 19970602**

Priority

SI 9700042 A 19970224

Abstract (en)

[origin: EP0870584A2] At least one processing system (1) consisting of at least one circularly rotating drum (4) with one or more tension pieces (5) on its periphery is positioned between a horizontally and straight moving supply conveyor (2) and a discharge conveyor (3). The processing system has at least one processing units (7,8) and at least one auxiliary conveyors (9,10). The tines (32) and the inbetween grooves (33) in the end connecting surface of a work piece (11), and the tines (32.1) and inbetween grooves (33.1) together forming the end connection (35) are arranged so that the tines and grooves from the end are curved or radially concave.

IPC 1-7

**B27F 1/16**; **B27M 1/08**; **B27M 3/00**; **B27F 1/06**

IPC 8 full level

**B27F 1/16** (2006.01); **B27G 19/10** (2006.01); **B27M 1/08** (2006.01); **B27M 3/00** (2006.01)

IPC 8 main group level

**B27F 5/00** (2006.01)

CPC (source: EP)

**B27F 1/16** (2013.01); **B27G 19/10** (2013.01); **B27M 1/08** (2013.01); **B27M 3/002** (2013.01)

Citation (search report)

- [A] US 3685378 A 19720822 - EHM KARL, et al
- [A] US 3443610 A 19690513 - ERIKSSON ERIK HELMER, et al

Cited by

CN102729299A; EP1336459A3; US6725891B2

Designated contracting state (EPC)

AT DE IT

DOCDB simple family (publication)

**EP 0870584 A2 19981014**; **EP 0870584 A3 20001220**; SI 9700042 A 19970630

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**EP 97108828 A 19970602**; SI 9700042 A 19970224