

Title (en)

SPLINED JOINT FOR ASSEMBLING COMPONENTS MADE OF FIBROUS MATERIALS

Title (de)

KEILVERZAHNTE VERBINDUNG ZUM ZUSAMMENSETZEN VON BAUTEILEN AUS FASERMATERIALIEN

Title (fr)

JOINT A LANGUETTES POUR ASSEMBLAGE DE PIECES EN MATIERES FIBREUSES

Publication

EP 2760650 A1 20140806 (FR)

Application

EP 11767961 A 20110927

Priority

EP 2011066750 W 20110927

Abstract (en)

[origin: WO2013044939A1] The present invention relates to a structural building product comprising a succession of longitudinal components formed parallel to one another end to end and made of a fibrous material essentially made up of natural fibres. The components are joined together with an adhesive agent and using multiple male and female splines that alternate on the faces of the butt ends of the components. In each of two lateral and opposing parts of the butt end face of a component, each part covering at least one quarter of the total surface of the face of the butt end of a component, the layout of the male and female splines is such that the successive male splines have ends formed in a first imaginary plane. The first imaginary plane runs at an angle to a plane perpendicular to the longitudinal direction of the component.

IPC 8 full level

B27D 1/10 (2006.01); **B27F 1/16** (2006.01); **B27J 1/00** (2006.01); **B27M 3/00** (2006.01); **E04B 1/26** (2006.01); **F16B 12/04** (2006.01)

CPC (source: EP)

B27D 1/10 (2013.01); **B27F 1/16** (2013.01); **B27M 3/002** (2013.01); **B27M 3/0066** (2013.01); **E04C 3/127** (2013.01)

Citation (search report)

See references of WO 2013044939A1

Cited by

CN105171879A; CN105437348A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013044939 A1 20130404; EP 2760650 A1 20140806

DOCDB simple family (application)

EP 2011066750 W 20110927; EP 11767961 A 20110927