

Title (en)

Method for joining two layers, particularly fibrous layers

Title (de)

Verfahren zum Verbinden von zwei Bahnen, insbesondere faserige Bahnen

Title (fr)

Procédé de liaison de deux flans, notamment fibreux

Publication

**EP 0822285 A2 19980204 (FR)**

Application

**EP 97401826 A 19970730**

Priority

FR 9609708 A 19960801

Abstract (en)

To bond together two blanks (1, 2) along a line, especially of fibre materials, they are positioned together over each other. One fibre layer (2) is bonded to the outer layer by directing a water jet (4) at the fibre material, to lock fibres into the other layer. The water jet (4) is moved along the required bonding line. The fibre layer is partially integrated into one of the outer layers. The outer layer has at least one layer of woven fibres within it. The fibre layer is doubled to at least one outer layer (5) of a different material, such as a foam. The fibre layer is contained within it, and the water jet is directed at the layer of other material.

Abstract (fr)

L'invention a pour objet un procédé pour relier le long d'une ligne, au moins deux flans (1,2). Selon l'invention, il comporte les étapes consistant à: amener lesdits flans au contact les uns des autres; provoquer la solidarisation d'une matière fibreuse (2) à au moins un des flans extérieurs; projeter un jet d'eau (4) sur ledit flan auquel la matière fibreuse est solidarisée, de manière à amener des fibres de cette matière à s'incruster dans les autres flans; et déplacer ledit jet d'eau le long de ladite ligne. <IMAGE> <IMAGE>

IPC 1-7

**D04H 13/00**

IPC 8 full level

**D04H 13/00** (2006.01)

CPC (source: EP)

**D04H 1/46** (2013.01); **D04H 13/00** (2013.01)

Cited by

WO2011026881A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0822285 A2 19980204**; **EP 0822285 A3 20001011**; FR 2751993 A1 19980206; FR 2751993 B1 19981030

DOCDB simple family (application)

**EP 97401826 A 19970730**; FR 9609708 A 19960801