

Title (en)
PRECISION JOINING PROCESS FOR AT LEAST TWO WORKPIECES

Title (de)
VERFAHREN ZUM PRÄZISEN VERBINDEN VON MINDESTENS ZWEI WERKSTÜCKEN

Title (fr)
PROCEDE DE LIAISON PRECISE D'AU MOINS DEUX PIECES

Publication
EP 0783551 A1 19970716 (DE)

Application
EP 95920890 A 19950524

Priority
EP 9501996 W 19950524

Abstract (en)
[origin: DE19620012A1] A high precision joining process for at least two parts uses a photosensitive resist as adhesive. In a first step, a layer of photosensitive resist with a defined thickness is applied on at least one of the parts. The thus obtained composite workpiece is heated up to a predetermined temperature at which the parts may still be accurately aligned with respect to each other. After the parts are joined and cooled down to a temperature at which the adhesive solidifies, a glued joint is obtained that may be either temporary or permanent.

IPC 1-7
C09J 7/00; **C09J 5/06**; **G11B 21/21**

IPC 8 full level
C09J 7/00 (2006.01); **B32B 7/12** (2006.01); **C09J 5/00** (2006.01); **C09J 5/06** (2006.01); **C09J 9/00** (2006.01); **C09J 11/00** (2006.01); **G11B 5/84** (2006.01); **G11B 21/21** (2006.01)

CPC (source: EP)
B32B 7/12 (2013.01); **C09J 5/06** (2013.01); **G11B 5/84** (2013.01)

Citation (search report)
See references of WO 9637567A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 19620012 A1 19961128; **DE 19620012 B4 20060629**; EP 0783551 A1 19970716; JP H09507880 A 19970812; WO 9637567 A1 19961128

DOCDB simple family (application)
DE 19620012 A 19960517; EP 9501996 W 19950524; EP 95920890 A 19950524; JP 53528296 A 19950524