

Title (en)  
A METHOD OF JOINING TOGETHER PAPER

Title (de)  
VERFAHREN ZUM VERBINDEN VON PAPIER

Title (fr)  
PROCEDE POUR REUNIR DU PAPIER

Publication  
**EP 1032494 A1 20000906 (EN)**

Application  
**EP 98954913 A 19981117**

Priority  
• SE 9802074 W 19981117  
• SE 9704207 A 19971117

Abstract (en)  
[origin: WO9925547A1] A method of joining together at least two paper sheets (1, 2). The method comprises the steps of moistening each paper sheet (1, 2) with a determined amount of water within the region of the intended join (9); placing the paper sheets together with the moistened regions in abutment with one another; and processing the moistened regions of the combined paper sheets in an ultrasound welding device (7, 8) such that at least 80 percent by weight of the water applied will be removed. The invention also relates to apparatus for carrying out the method and to a join produced by means of said method.

IPC 1-7  
**B31F 5/00**; **D21H 27/30**

IPC 8 full level  
**B31F 5/00** (2006.01); **D21G 1/00** (2006.01); **D21H 27/32** (2006.01)

CPC (source: EP)  
**B31F 5/008** (2013.01); **B31D 1/0006** (2013.01)

Citation (search report)  
See references of WO 9925547A1

Designated contracting state (EPC)  
BE DE ES FR GB IT SE

DOCDB simple family (publication)  
**WO 9925547 A1 19990527**; CA 2309040 A1 19990527; CN 1278761 A 20010103; EP 1032494 A1 20000906; JP 2001523595 A 20011127; PL 340495 A1 20010212; SE 512767 C2 20000508; SE 9704207 D0 19971117; SE 9704207 L 19990518

DOCDB simple family (application)  
**SE 9802074 W 19981117**; CA 2309040 A 19981117; CN 98811174 A 19981117; EP 98954913 A 19981117; JP 2000520961 A 19981117; PL 34049598 A 19981117; SE 9704207 A 19971117