

Title (en)
Method for embroidering with a machine

Title (de)
Maschinenstickverfahren

Title (fr)
Procédé de broderie à la machine

Publication
EP 0823502 A3 19980422 (DE)

Application
EP 97112738 A 19970724

Priority
DE 19632092 A 19960808

Abstract (en)
[origin: EP0823502A2] A method for machine application of embossed embroidery work to an article entails laying a water soluble substrate substance onto the article before embroidering and afterwards dissolving the substrate in a water bath. The substrate material is paper or cardboard and its dissolution is enhanced by means of ultrasound.

IPC 1-7
D05C 17/00; **D06Q 1/00**; **D06B 15/06**

IPC 8 full level
D04C 1/04 (2006.01); **D05C 17/00** (2006.01); **D06B 15/06** (2006.01); **D06Q 1/00** (2006.01)

CPC (source: EP US)
D04C 1/04 (2013.01 - EP US); **D05C 17/00** (2013.01 - EP US); **D06Q 1/005** (2013.01 - EP US)

Citation (search report)

- [Y] US 3315329 A 19670425 - YOSHIHIDE YOSHIOKA
- [A] WO 9015895 A1 19901227 - GARZONE RAYMOND G JR [US]
- [DA] DE 4343230 A1 19950622 - MEI CHUAN EMBROIDERY ENTERPRIS [TW]
- [A] US 1835866 A 19311208 - HAROLD JOSEPH F X
- [A] US 2782485 A 19570226 - SCHWERZLER CHARLES F
- [Y] PATENT ABSTRACTS OF JAPAN vol. 017, no. 632 (C - 1132) 24 November 1993 (1993-11-24)
- [Y] DATABASE WPI Section Ch Week 8027, Derwent World Patents Index; Class A14, AN 80-47132C, XP002057048

Cited by
EP2045387A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0823502 A2 19980211; **EP 0823502 A3 19980422**; **EP 0823502 B1 20010627**; CN 1069938 C 20010822; CN 1174903 A 19980304; DE 19632092 A1 19980212; DE 19632092 C2 20000727; DE 59703892 D1 20010802; GR 3036645 T3 20011231; HK 1003149 A2 19980925; ID 18007 A 19980219; MY 112699 A 20010731; PT 823502 E 20011030; US 5794555 A 19980818

DOCDB simple family (application)
EP 97112738 A 19970724; CN 97117331 A 19970808; DE 19632092 A 19960808; DE 59703892 T 19970724; GR 20010401503 T 20010918; HK 97101632 A 19970805; ID 972752 A 19970807; MY PI19973609 A 19970807; PT 97112738 T 19970724; US 90844897 A 19970807