

Title (en)

PROCESS AND DEVICE FOR TRANSFERRING PRINTS FROM A SUPPORT TO A SUBSTRATE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ÜBERTRAGEN VON ABDRUCKEN VON EINEM TRÄGER AUF EIN SUBSTRAT

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE TRANSFERER DES MOTIFS DEPUIS UN SUPPORT SUR UN SUBSTRAT

Publication

EP 0673317 B1 19960925 (DE)

Application

EP 93912622 A 19930623

Priority

- DE 9300555 W 19930623
- DE 4242105 A 19921214

Abstract (en)

[origin: WO9413487A1] The description relates to a process and device for transferring prints (18, 20) from a support (16) to a substrate (10) in which the support (16) is conveyed together with the substrate (10) through a station in which copies (18, 20) are applied in register to the substrate (10) which has successive sheets (12). Here, use is made of a substrate (10) having at least two adjacent rows in the direction of transport of sheets (112) and of a support (16) which, in the direction of transport between the prints (18) for successive pages (12) in the direction of transport, has at least one additional print (20). According to the invention, there are means by which only certain prints (18, 20) can be selectively transferred from the support (16) to the substrate (10) in the station. After leaving the station, the support (16) is released from the substrate (10) and, depending on the number of successive sheets (12) between two prints (18) in the direction of transport for successive prints (18) in the direction of transport, taken to the station at least once more, the support (16) being shifted sideways by the transverse distance between the neighbouring rows of sheets and by about the distance between directly successive prints (18, 20) in the direction of transport.

IPC 1-7

B41F 19/06; B41F 16/00; B44C 1/17

IPC 8 full level

B41F 16/00 (2006.01); **B41F 19/06** (2006.01); **B44C 1/17** (2006.01)

CPC (source: EP US)

B41F 19/062 (2013.01 - EP US); **B44C 1/1729** (2013.01 - EP US); **B41P 2219/20** (2013.01 - EP US); **B41P 2219/41** (2013.01 - EP US)

Cited by

DE102007027493B3; DE102011103000A1; DE102006033817B4; US9511619B2; US9162438B2; US10144210B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9413487 A1 19940623; AT E143311 T1 19961015; AU 4307593 A 19940704; AU 682470 B2 19971009; BR 9307641 A 19990831; CA 2149247 A1 19940623; CA 2149247 C 20050920; DE 59304008 D1 19961031; DK 0673317 T3 19961111; EP 0673317 A1 19950927; EP 0673317 B1 19960925; ES 2092826 T3 19961201; GR 3021577 T3 19970228; HK 1003984 A1 19981113; JP 3233636 B2 20011126; JP H08508686 A 19960917; TW 222701 B 19940421; UA 35601 C2 20010416; US 6202549 B1 20010320

DOCDB simple family (application)

DE 9300555 W 19930623; AT 93912622 T 19930623; AU 4307593 A 19930623; BR 9307641 A 19930623; CA 2149247 A 19930623; DE 59304008 T 19930623; DK 93912622 T 19930623; EP 93912622 A 19930623; ES 93912622 T 19930623; GR 960402951 T 19961107; HK 98103044 A 19980414; JP 51363194 A 19930623; TW 82106059 A 19930729; UA 95062759 A 19930623; US 42821995 A 19950512