Title (en)

PROCESS, DEVICE AND COLOURED PENCIL FOR REGENERATION OF HEAT-SENSITIVE INK RIBBONS

Publication

EP 0182011 A3 19880107 (DE)

Application

EP 85110258 A 19850816

Priority

DE 3442181 A 19841117

Abstract (en)

[origin: EP0182011A2] A process is described for regenerating a heat-sensitive ink ribbon with partially used-up melt-on ink, the heat-sensitive ink ribbon being passed over a heating plate for melting on the remaining melt-on ink and being smoothed in the melted-on state. A device for carrying out this process and a suitable coloured pencil are also described. The coloured pencil is identical to or largely corresponds with the melt-on ink of the heat-sensitive ink ribbon in respect of its composition. Thus heat-sensitive ink ribbons can be regenerated in an inexpensive and simple manner and with sufficient quality so that they can be put to multiple use. <IMAGE>

IPC 1-7

B41J 31/14

IPC 8 full level

B41J 31/14 (2006.01)

CPC (source: EP)

B41J 31/14 (2013.01)

Citation (search report)

- [A] US 4123569 A 19781031 - PETERSON GLENN E, et al
- [X] CH 553662 A 19740913 - BATTELLE MEMORIAL INSTITUTE
- [X] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 159 (M-228)[1304], 13. Juli 1983; & JP - A - 58 65686 (RICOH K.K.) 19.04.1983

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US10449781B2; US8818521B2; WO2015054127A1; WO2007031039A2; US11040548B1; US9296200B2; US9604468B2; US9789699B1

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