

Title (en)  
THERMAL TRANSFER PRINTING PROCESSES

Publication  
**EP 0117407 A3 19851211 (EN)**

Application  
**EP 84100444 A 19840117**

Priority  
US 47003883 A 19830228

Abstract (en)  
[origin: EP0117407A2] Processes for thermal transfer printing are disclosed which comprise electroerosion printing to produce an image bearing element and exposing the imaged element to irradiation so as to permit transfer of thermographic ink from an associated ink layer or ink-containing element onto an ink receiving substrate thus producing copies of the image carried by the image bearing element. Also, described are products for use in such processes. The process is illustrated in the Figure in which a layer (2) comprises transparent polyethylene terephthalate, the layer (3, 4) comprises aluminium foil (3) and pattern apertures (4), the layer (6) comprises an ink layer and layer (7) comprises a sheet of paper. Infra red radiation (8) passes through layer (2) to be reflected by foil (3) and transmitted by apertures (4). The ink aligned with apertures (4) is heated and thermally transferred to the paper (7).

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CPC (source: EP)  
**B41M 5/426** (2013.01); **B41M 5/48** (2013.01)

Citation (search report)  
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• PATENTS ABSTRACTS OF JAPAN, vol. 3, no. 38, 30th March 1979, page 93 E101; & JP - A - 54 17 036 (FUJITSU K.K.) 08-02-1979  
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