

Title (en)
Electrological or magnetological printer

Title (de)
Elektro- oder magnetorheologische Druckmaschine

Title (fr)
Imprimante électrique ou magnétorhéologique

Publication
EP 2135741 A3 20120418 (DE)

Application
EP 09154838 A 20090311

Priority
DE 102008028675 A 20080617

Abstract (en)
[origin: EP2135741A2] The printer device has a mobile or immobile printer element, which has a physical characteristic, and is formed to change the physical characteristic. The mobile or immobile printer element has a magnetorheological or an electrorheological material or an upper surface section, which is covered with the magnetorheological or an electrorheological material. The magnetorheological or an electrorheological material is provided as, particularly liquid or polymer or elastomer. Independent claims are included for the following: (1) a controlling device for controlling field strength of a field, particularly an electrical or a magnetic or an electromagnetic field; (2) a method for changing a physical characteristic, particularly hardness, shearing strength, absorption behavior, compressibility, elasticity or expansion of a printer element of printer device; (3) a method for manufacturing a printer device; (4) a method for controlling field strength of a field, particularly an electrical or a magnetic or an electromagnetic field; and (5) a method for changing physical characteristic, particularly viscosity, volume or temperature, of color or water of a printer.

IPC 8 full level
B41F 13/38 (2006.01); **B41F 31/26** (2006.01); **B41F 31/38** (2006.01)

CPC (source: EP)
B41F 13/38 (2013.01); **B41F 31/26** (2013.01); **B41F 31/38** (2013.01)

Citation (search report)
• [X1] DE 102004055415 A1 20060518 - ROLAND MAN DRUCKMASCH [DE]
• [XP] EP 1935639 A2 20080625 - PALO ALTO RES CT INC [US]

Cited by
CN111532013A; CN103213281A; CN113580731A; CN114274668A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2135741 A2 20091223; EP 2135741 A3 20120418; DE 102008028675 A1 20091224

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