

Title (en)
Printhead thermal control

Title (de)
Druckkopfthermosteuerung

Title (fr)
Commande thermique d'une tête d'impression

Publication
EP 0730972 A3 19961227 (DE)

Application
EP 96101152 A 19960127

Priority
DE 29504576 U 19950307

Abstract (en)
[origin: EP0730972A2] The power electronic system for the pressure control unit (14) regulates the amplitude of the pressure head voltage corresponding to the ambient temperature. The power electronic system is combined with a control unit (6) which operates with pre-heating and pressure impulses. A voltage distributor (R8,R9) incorporates the temperature sensor (R9) in the form of a thermistor for measuring the ambient temperature.

IPC 1-7
B41J 2/365; **B41J 2/07**

IPC 8 full level
B41J 2/07 (2006.01); **B41J 2/365** (2006.01); **B41J 2/38** (2006.01)

CPC (source: EP US)
B41J 2/365 (2013.01 - EP US); **B41J 2/38** (2013.01 - EP US)

Citation (search report)

- [YA] EP 0420412 A1 19910403 - SHARP KK [JP]
- [YDA] EP 0421353 A2 19910410 - SEIKO EPSON CORP [JP]
- [A] US 5181048 A 19930119 - CHA DONG-IL [KR]
- [A] WO 9003554 A1 19900405 - DATACARD CORP [US]
- [A] EP 0260917 A2 19880323 - SHINKO ELECTRIC CO LTD [JP]
- [A] US 4510507 A 19850409 - ISHIKAWA YUJI [JP]
- [AD] EP 0329369 A2 19890823 - SHINKO ELECTRIC CO LTD [JP]
- [A] EP 0482850 A2 19920429 - GOLD STAR CO [KR]
- [A] EP 0013918 A1 19800806 - SIEMENS AG [DE]
- [A] US 3577137 A 19710504 - BRENNAN JAMES JR

Cited by
DE102004027517A1; DE102004027517B4

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
DE 29504576 U1 19950511; DE 59600393 D1 19980910; EP 0730972 A2 19960911; EP 0730972 A3 19961227; EP 0730972 B1 19980805; US 5838356 A 19981117

DOCDB simple family (application)
DE 29504576 U 19950307; DE 59600393 T 19960127; EP 96101152 A 19960127; US 60995096 A 19960304