

Title (en)

Multiple ink and water curves for printing presses.

Title (de)

Farb- und Wassermehrfachkurven für Druckmaschinen.

Title (fr)

Courbes multiples d'encre et d'eau pour des presses.

Publication

**EP 0422365 A2 19910417 (EN)**

Application

**EP 90116158 A 19900823**

Priority

US 41479489 A 19890929

Abstract (en)

A control system for operating at least one set of nozzles (30) on a spray bar (26) and at least one set of plungers (408) on an ink injection device for a printing press. The control system has a memory for storing at least damp rate curve data and ink rate curve data which is utilized to control operation of the nozzles (30) and plungers (408), respectively. A processor is connected to the memory and provides a damp rate control signal as a function of the damp rate curve data and an ink rate control signal as a function of the ink rate curve data. A first interface for connecting the set of nozzles (30) to the processor is responsive to the damp rate control signal to control operation of the nozzles (30) and a second interface for connecting the set of plungers (408) to the processor is responsive to the ink rate control signal to control operation of the plungers (408). A communication bus system is connected to at least the memory and is operable in response to a received rate curve message to alter the damp rate curve data and the ink rate curve data stored in the memory.

IPC 1-7

**B41F 7/24**; **B41F 31/00**; **B41F 33/00**

IPC 8 full level

**B41F 7/02** (2006.01); **B41F 31/00** (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01); **B41F 33/00** (2006.01); **B41F 33/10** (2006.01)

CPC (source: EP)

**B41F 31/00** (2013.01); **B41F 33/0054** (2013.01)

Cited by

EP1205299A3; DE10232110B4; EP0688668A1; US5555803A; EP0911160A1; US6138563A; CN1094832C; US6629497B2

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0422365 A2 19910417**; **EP 0422365 A3 19910821**; **EP 0422365 B1 19941207**; AU 6315690 A 19910411; AU 633974 B2 19930211; CA 2024370 A1 19910330; CA 2024370 C 19980623; DE 422365 T1 19910905; DE 69014812 D1 19950119; DE 69014812 T2 19950518; JP H03207654 A 19910910

DOCDB simple family (application)

**EP 90116158 A 19900823**; AU 6315690 A 19900926; CA 2024370 A 19900830; DE 69014812 T 19900823; DE 90116158 T 19900823; JP 26034490 A 19900928