

Title (en)
PRINTING MACHINE WITH AT LEAST ONE PRINTING UNIT

Publication
EP 0243661 B1 19920603 (DE)

Application
EP 87104149 A 19870320

Priority
DE 3614628 A 19860430

Abstract (en)
[origin: EP0243661A1] A printing machine (1) with at least one printing unit (4-7) is proposed in which there are a multiplicity of sensors for monitoring the printing operation and a multiplicity of actuators for the adjustment of, for example, the ink profile, the moisture profile, the paper guidance and the like. The complete processing of the sensor signals, their integration and the output of adjustment signals as well as of display signals takes place in a comprehensive electronic control unit (11), which is connected by data leads (21, 22) with the printing machine or with the sensors and the actuators in the printing machine (1). The comprehensive electronic control unit (11) is, furthermore, connected to measuring instruments, for example a printing plate reader (12) or a quality inspection facility (13), and the measurement signals for adjustment of the printing machine are correspondingly processed. The monitoring of the printing operation and, possibly, necessary interventions in the control of the printing machine take place via a control panel (15), which is connected to the comprehensive electronic control unit (11) by means of a data lead (26). The printing machine itself does not include any additional electronic or electrical control devices apart from the sensors and actuators other than the display indicators necessary for the monitoring of the printing operation on the machine, or operating facilities. <IMAGE>

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IPC 8 full level
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Cited by
FR2696682A1; US5333547A; DE4306098A1; EP0976556A1; EP0453862A1; EP0370223A3; EP0611650A1; US5481971A; DE4000295A1; EP0436818A3; EP1155844A3; GB2270033A; DE4228494A1; US5423257A; GB2270033B; DE4228494C2; EP0909647A3; WO9303990A1; EP0395890B1

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