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(54) **Distributed imaging and control architecture for digital printing presses and platemakers**

(57) A distributed architecture for control of printing presses includes a job-control computer facilitating at least selection of printing jobs, and a separate image-control computer or computers managing operation of the various imaging devices. The job-control and image-control computers interact over a computer network, which can range from a single LAN to the Internet; typically, the image-control computer is physically associated with the press, while the job-control computer may be proximate or remote. The job-control computer may contain on-board storage for retaining multiple printing jobs, or the system may instead include a server computer, connected to and accessible over the network,

that serves as a central storage facility. The job-control computer may allow the operator to perform various functions and adjustments relating to final printing quality, and which may affect the job data, printing-press operation, or both. The job-control computer may also afford the operator control over ink regulation, typically via a separate dedicated computer. The architecture of the invention is capable of supporting a plurality of printing presses under the common control of one or more job-control computers. In this way, a single job-control computer may interact with and direct the operation of remotely located printing presses, each of which is served by a separate image-control computer.

P 0 878 303 A3



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The present search report has been drawn up for all claims				
Place of search MUNICH		Date of completion of the search 25 February 1999	Examiner Zellhuber, W	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document				

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