

Title (en)

Method and system of communication for computer aided printing

Title (de)

Kommunikationsverfahren und -system zum computerunterstützten Drucken

Title (fr)

Procédé et système de communication pour l'impression assistée par ordinateur

Publication

EP 0639456 B1 19970924 (DE)

Application

EP 94111829 A 19940729

Priority

DE 4328026 A 19930820

Abstract (en)

[origin: EP0639456A1] To provide for communication between various areas of the printing process such as, for example, between preliminary printing stage and printing machine in both directions so that data for controlling the printing machine can be obtained from machine-independent data and the data to be printed from the preliminary printing stage can be influenced by the printing machine itself, a communication method and an associated device are proposed, the device exhibiting a communication structure which is built up out of a central main data processing station (4), with which a number of printing units (1, 2, 3) of the printing machine can be networked to form a linkage for common job preparation, and one decentralised data processing substation (5, 6) each per area of the printing process which, in turn, can be connected to the main data processing station (4). The connection between the substations (5, 6) and the station (4) is to be established by means of machine-independent interfaces (7, 8) which allow a data exchange in both directions. <IMAGE>

IPC 1-7

B41F 33/00

IPC 8 full level

B41F 33/00 (2006.01); **G03F 3/10** (2006.01)

CPC (source: EP US)

B41F 33/0009 (2013.01 - EP US)

Citation (examination)

EP 0495563 A2 19920722 - SCITEX CORP LTD [IL]

Cited by

DE10042680A1; DE102008000563B4; DE102006062836B4; DE10218068B4; KR100686291B1; DE10023995A1; EP1155845A3; DE102006051298A1; EP0727313A1; US5778791A; DE102006051298B4; US7495807B2; US6968783B2; WO2006008077A1; WO02083423A1; WO2008012323A1; US8001899B2; EP2098368A2; DE102008000563A1; DE102020123985A1; WO2022058126A1; EP0763427B2

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0639456 A1 19950222; EP 0639456 B1 19970924; CA 2129891 A1 19950221; CA 2129891 C 19990420; DE 4328026 A1 19950309; DE 59404146 D1 19971030; JP 2783512 B2 19980806; JP H0776069 A 19950320; US 5625758 A 19970429

DOCDB simple family (application)

EP 94111829 A 19940729; CA 2129891 A 19940810; DE 4328026 A 19930820; DE 59404146 T 19940729; JP 19706694 A 19940822; US 29243494 A 19940818