

Title (en)
DEVICE FOR WRITING BY INK MULTINOZZLE PROJECTION

Publication
EP 0210209 B1 19891213 (FR)

Application
EP 86900786 A 19860120

Priority
FR 8501159 A 19850124

Abstract (en)
[origin: WO8604298A1] Such a device comprises a plurality of modules (1) each having a body (4) presenting an ink inlet (2) and a purging orifice (3), co-operating with the gun (5) of which the periphery carries two sets of O-rings respectively delimiting the ink supply chamber and the purge chamber. Said particular arrangement provides for the sealing while permitting a rotation (α) on 360° of the gun and therefore a setting of the jet direction with respect to the axis of the nozzle ejecting the ink drops. Each of the modules (1) is further orientable about an axis (31) according to an angle (β). The invention applies to the printing of multiple writing lines and to the optional covering of said lines.

IPC 1-7
B41J 3/04

IPC 8 full level
B41J 2/015 (2006.01); **B41J 2/02** (2006.01); **B41J 2/07** (2006.01); **B41J 2/075** (2006.01); **B41J 2/135** (2006.01)

CPC (source: EP US)
B41J 2/02 (2013.01 - EP US); **B41J 2002/14362** (2013.01 - EP US); **B41J 2202/19** (2013.01 - EP US)

Citation (examination)
EP 0046117 A2 19820217 - BERTIN & CIE [FR]

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 8604298 A1 19860731; AU 5353986 A 19860813; AU 581963 B2 19890309; CA 1247573 A 19881228; DE 3667427 D1 19900118; EP 0210209 A1 19870204; EP 0210209 B1 19891213; FR 2576251 A1 19860725; FR 2576251 B1 19880422; JP H0611540 B2 19940216; JP S62501494 A 19870618; US 4714932 A 19871222

DOCDB simple family (application)
FR 8600014 W 19860120; AU 5353986 A 19860120; CA 500244 A 19860123; DE 3667427 T 19860120; EP 86900786 A 19860120; FR 8501159 A 19850124; JP 50072886 A 19860120; US 91648386 A 19860916