

Title (en)
OPERATING AN INK JET

Publication
EP 0115180 B1 19900404 (EN)

Application
EP 83307850 A 19831222

Priority
US 45329582 A 19821227

Abstract (en)
[origin: EP0115180A2] For controlling the volume of ink droplets ejected from a drop on demand ink jet apparatus including a transducer (204) operable for producing a pressure disturbance within an associated ink chamber (200) for ejecting an ink droplet from an associated orifice (202), the transducer (204) is operated in an iterative manner for producing a plurality of successively equal or higher or lower amplitude pressure disturbances, or some combination thereof, within the ink chamber (200), for causing a plurality of successively equal or higher or lower velocity ink droplets, or some combination thereof, to be ejected from the orifice (202) of the ink jet apparatus, within a time period permitting the ink droplets to either merge in flight or upon striking a recording medium.

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B41J 2/005; G01D 15/18

IPC 8 full level
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Cited by
EP0885732A1; US6086189A; US6151050A; EP0609997A3; US5600349A; EP0827838A3; EP1332876A3; EP1366919A3; EP0194852A3; DE3513442A1; DE3513442C2; US6488349B1; US6328395B1; US6281913B1; WO0121408A1; WO9808687A1; WO9851504A1; US6312096B1; US6464329B1; EP0737586B1

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