

Title (en)

DEVICE FOR THE DEVELOPMENT OF A DIAZOCOPY MATERIAL BY THE SEMI-WET PROCESS

Publication

EP 0000175 B1 19800109 (DE)

Application

EP 78100208 A 19780621

Priority

DE 2729523 A 19770630

Abstract (en)

[origin: US4155637A] An apparatus for developing diazo material according to a semi-dry process comprising an applicator roll with a liquid absorbing cover, a press roll having a grooved hard surface, a backing roll biased against the press roll, and a blade for reducing the amount of developer liquid on the applicator roll and the press roll. The press roll is displaceable toward the applicator roll. The plane of transport of the diazo material to be developed passes between the applicator roll and the press roll. The axial moment of inertia of the press roll relative to the axial moment of inertia of the applicator means is determined in accordance by an equation containing weight components of the press roll, weight components of the applicator roll, the contact pressure component of the backing roll, and the sum of the components of the tangential force and normal force of the contact pressure of the blade and the frictional force along the line of contact of the blade on the applicator roll.

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G03D 5/06

IPC 8 full level

G03G 15/10 (2006.01); **G03D 5/06** (2006.01)

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