

Title (en)

Dual density foam inking member and method of making the same.

Title (de)

Tintenspeicher mit zwei unterschiedlichen Schaumstoffdichten und Verfahren zu seiner Herstellung.

Title (fr)

Dispositif d'encre avec une mousse à deux densités et son procédé de fabrication.

Publication

EP 0629505 A2 19941221 (EN)

Application

EP 94304287 A 19940614

Priority

US 7687793 A 19930615

Abstract (en)

This invention relates to an inking member made from a single, foraminous material. The foraminous material, such as polyurethane, is placed into a press. The top platen of the press is raised to a temperature of 380 to 450 DEG F and the material is subjected to a pressure of 8,618kg/force on a 165mm ram load for a period approximately of 3.5 minutes. What results is an inking member having small pores in the area adjacent to the heated platen and larger pores in those portions of the pad that are distant from the heated platen. This yields a foraminous, member that has utility as an inking member with the small pore portion acting as an ink metering layer and the large pore portion acting as an ink reservoir layer.

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