

Title (en)
RELEASE AGENT APPLICATOR FOR COPYING MACHINE

Publication
EP 0131849 B1 19900131 (EN)

Application
EP 84107775 A 19840704

Priority
JP 12998983 A 19830715

Abstract (en)
[origin: EP0131849A2] An improved release agent applicator for use with a copying machine having a fixing device for pressure fusing a toner image to copy paper as the paper is passing between a fixing roll and pressure roll. The fixing roll has in contact therewith a porous sheet or tube of poly(ethylene tetrafluoride) resin through which the release agent is applied to the fixing roll. Pores in the areas of the porous sheet or tube of poly(ethylene tetrafluoride) resin which are not needed for passing release agent therethrough during normal copying operations are closed to form closed-and open-pore areas. A width of the open-pore area is smaller than the width of the surface that which the porous sheet or tube contacts the fixing roll. Preferably, the porous sheet or tube has a pore size in a range of 0.1 to 10 microns and a porosity in a range of 50 to 85%.

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