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Automatic Drilling Machine Using a Programmable Control

Tom P. Switzer

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AUTOMATIC DRILLING MACHINE Using A PROGRAMMABLE CONTROL

prepared for

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by

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ABSTRACT

Dotco, a division of Cooper industries in Hicksville, Ohio, uses the automatic drilling machine to eliminate the manual drilling of five similar lock rings. A programmable control (microprocessor) sequences two self-feed drills, an indexer, and a holding device. The machine drills 8, 12, or 24 holes in up to 160 parts per hour. The \$2900 drilling machine will save Dotco \$5200 per year.

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