



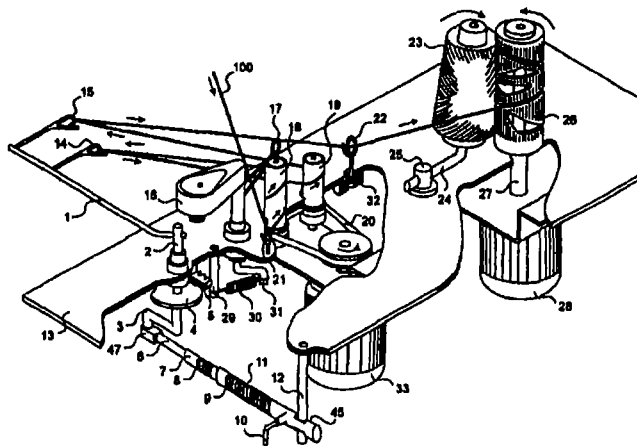
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(54) Title: METHOD AND MACHINE FOR UNRAVELING KNITTED FABRICS



(57) Abstract

Methods for unraveling knitted fabrics and a machine for unraveling knitted fabrics in order to reuse the yarns of a knitted fabric to be unraveled; the said methods providing that the said yarns can be unraveled either by stretching and loosening the said yarns or by twisting the yarn plies onto each other whatever the knit type and the number of yarns are and the said methods having stretching-loosening and twisting characteristics; the said machine for unraveling knitted fabrics operating by the use of the said methods and comprising units for unraveling knitted fabrics in a desired number, each of the said units consisting of yarn guide passages, yarn feeders (18, 19), a yarn winding unit, an optionally-stretchable tension/reservoir arm (1) wherein the position of the said arm is detected by sensors, and a mechanism for twisting yarns with plies, the said yarn feeders and the said yarn winding unit being able to rotate in two directions and being actuated by means of motors (28, 33), the said machine being able to unravel the said yarns by controlling its own units individually or together in a particular number thereof, and determining that the yarns are loosened/stretched and determining the knit order via a control unit.



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