

Title (en)

ROLLING APPARATUS FOR A STORE WHOSE DRIVING MECHANISM IS POSITIONED INSIDE THE ROLLER

Publication

EP 0424291 B1 19921216 (FR)

Application

EP 90420449 A 19901017

Priority

FR 8913886 A 19891018

Abstract (en)

[origin: JPH03138267A] PURPOSE: To facilitate the assembly work by providing an axial groove in cooperation with a toothed member fixed to a driven shaft of a reduction gear on one side, and in cooperation with two pinions to constitute a movable nut for a stroke terminating member on the other side. CONSTITUTION: An axial frame 3 is fixed to a bracket 1, a casing 4 is fitted to its free end, and a drive motor 5 and its accompanied reduction gear 6 are built therein. Ribs 12a are provided over the whole length on an inner wall of a rotary drum 12, the drum 12 is rotated by a cylindrical parts 15, the parts 15 is fixed to a driven shaft 6a of the reduction gear 6, and teeth to be engaged with the ribs 12a are provided on its outer surface. A pinion 16 (movable nut) is fitted to each screw rod 7 to control a pressing member 10 of a stroke terminating mechanism, and is engaged with the ribs 12a. Thus, the pinion 16 is moved in the axial direction along the screw rod 7 while the drum 12 is rotated to alternately operate an electric contact 106 of the stroke terminating mechanism.

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