

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 August 2003 (28.08.2003)

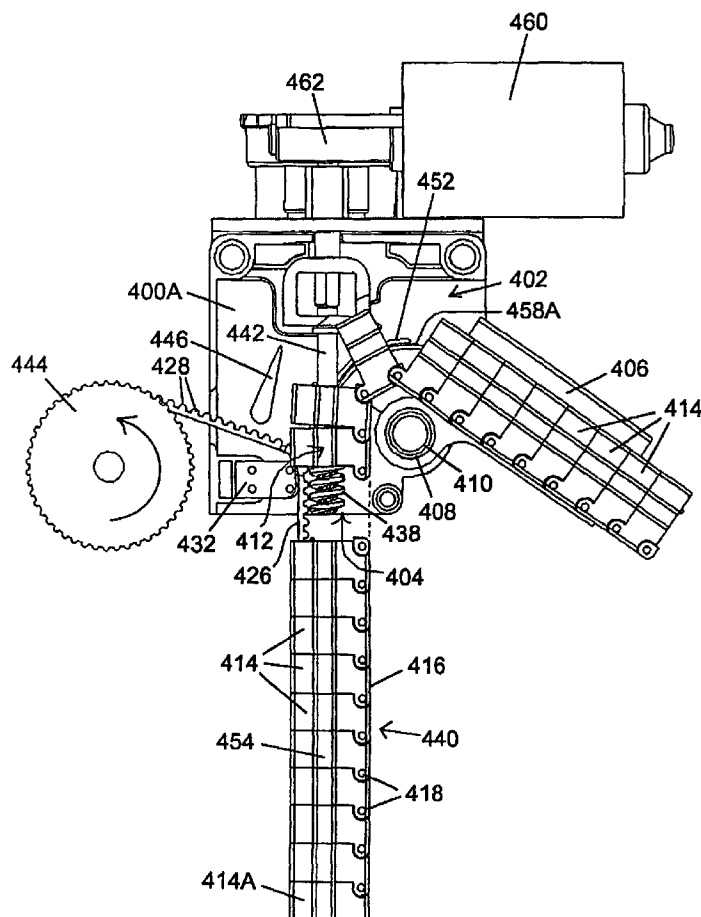
PCT

(10) International Publication Number
WO 03/071158 A1

- (51) International Patent Classification⁷: **F16G 13/18**, F16H 19/00
- (21) International Application Number: PCT/IE03/00027
- (22) International Filing Date: 21 February 2003 (21.02.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
S020132 21 February 2002 (21.02.2002) IE
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Dartmouth Road, Dublin 6 (IE).
- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: AN ACTUATOR



(57) Abstract: An actuator comprises a series of elements 414 each pivoted to the next and a housing 400 accommodating at least part of the series of elements with one end of the series projecting freely beyond an exit 404 of the housing. The elements 414 are guided to follow a curved path to the housing exit 404 and are driven along the path by a drive mechanism 412 to vary the total length of elements projecting beyond the exit. The projecting elements are maintained in linear alignment in a substantially rigid, self-supporting column 440 by a toothed belt 426 which progressively engages the elements 414 as they emerge from the housing exit 404.

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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