CORRECTED VERSION *

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 4 : G05B 19/04

A1

(11) International Publication Number: WO 88/ 00728

(43) International Publication Date: 28 January 1988 (28.01.88)

(21) International Application Number: PCT/EP87/00370

(22) International Filing Date: 10 July 1987 (10.07.87)

(31) Priority Application Number: 8616790

(32) Priority Date: 10 July 1986 (10.07.86)

(33) Priority Country: GB

(71) Applicant *(for AU only):* UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(71) Applicant *(for JP only):* UNILEVER N.V. [NL/NL]; P.O. Box 760, NL-3000 DK Rotterdam (NL).

(72) Inventors; and

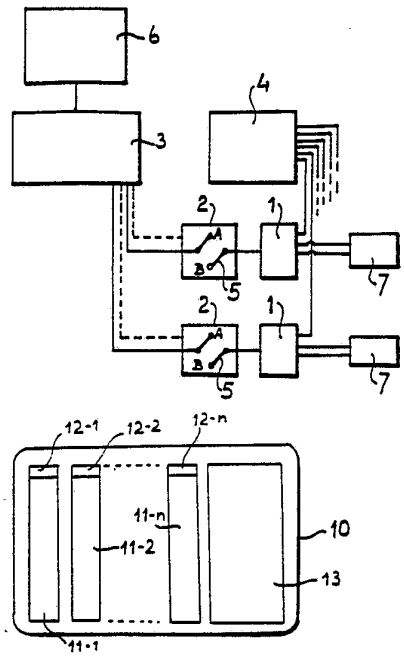
(75) Inventors/Applicants *(for US only) :* GILES, Alan, Frederick [GB/GB]; 63 High Street, Hail Weston, St. Neots, Cambs. PE19 4JW (GB). MOORE, James, Michael [GB/GB]; 11 Fairoak Drive, Rounds, Northants. (GB).

(74) Agent: KEPPELS, Willem, R., E., G.; Unilever N.V., Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL).

(81) Designated States: AU, JP, US.

Published
With international search report.

(54) Title: A PROGRAMMABLE MACHINE SYSTEM



(57) Abstract

A programmable machine is provided with a programmed computer and a number of actuators, the operation of the latter being controlled by the computer in conformity with this computer program. The computer also includes an operating program which co-operates w ith a display device and a data input device for the input of instructions to the computer. The operating program responds to a sequence of the entered instructions displayed on the display device having a separate display field for each actuator or a group of actuators and enabling an operator to enter instructions with the data input device into each field to define the movement of the respective actuator and the relationship between actuators. The display device illustrates the operating sequence of the machine as a diagram. The operating program translates this information into a machine code program controlling the operation of the actuators.

*: (Referred to in PCT Gazette No. 28/1988 Section II)

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	**FR**	France	**ML**	Mali
AU	Australia	**GA**	Gabon	**MR**	Mauritania
BB	Barbados	**GB**	United Kingdom	**MW**	Malawi
BE	Belgium	**HU**	Hungary	**NL**	Netherlands
BG	Bulgaria	**IT**	Italy	**NO**	Norway
BJ	Benin	**JP**	Japan	**RO**	Romania
BR	Brazil	**KP**	Democratic People's Republic of Korea	**SD**	Sudan
CF	Central African Republic			**SE**	Sweden
CG	Congo	**KR**	Republic of Korea	**SN**	Senegal
CH	Switzerland	**LI**	Liechtenstein	**SU**	Soviet Union
CM	Cameroon	**LK**	Sri Lanka	**TD**	Chad
DE	Germany, Federal Republic of	**LU**	Luxembourg	**TG**	Togo
DK	Denmark	**MC**	Monaco	**US**	United States of America
FI	Finland	**MG**	Madagascar		