



Publication number : **0 488 927 A3**

EUROPEAN PATENT APPLICATION

Application number : **91500133.3**

Int. Cl.⁵ : **E06B 9/68**

Date of filing : **27.11.91**

Priority : **28.11.90 ES 9003041**

Date of publication of application :
03.06.92 Bulletin 92/23

Designated Contracting States :
AT BE CH DE DK FR GB GR IT LI LU NL SE

Date of deferred publication of search report :
24.06.92 Bulletin 92/26

Applicant : **Fernandez Gonzalez, Jose Maria**
Avda. del Generalísimo 24
E-28023 Pozuelo de Alarcon (Madrid) (ES)

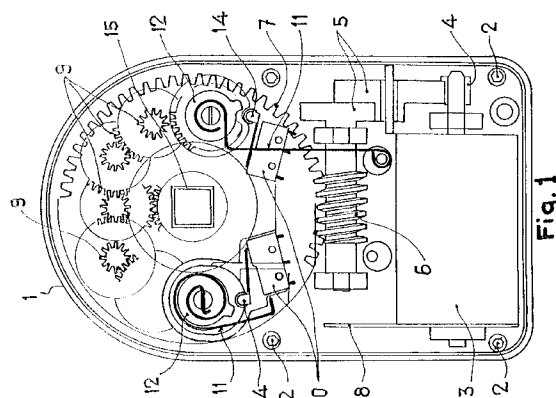
Applicant : **Martin Rodriguez, Jesus**
Nuestra Sra. de la Consolacion 9
E-28023 Pozuelo de Alarcon (Madrid) (ES)

Inventor : **Fernandez Gonzalez, Jose Maria**
Avda. del Generalísimo 24
E-28023 Pozuelo de Alarcon (Madrid) (ES)
Inventor : **Martin Rodriguez, Jesus**
Nuestra Sra. de la Consolacion 9
E-28023 Pozuelo de Alarcon (Madrid) (ES)

Representative : **Garcia Cabrerizo, Francisco**
OFICINA GARCIA CABRERIZO S.L. Vitruvio 23
E-28006 Madrid (ES)

Reducing motor for the elevation of blinds and awnings.

The reducing motor forms an operating unit which includes a general air tight frame (1), inside which a DC motor (3) is installed. At the outlet of this reducing motor there is a first reducing pitch (4,5) with turn reduction, made up of a series of connections. The last one of these connections is installed at the end of a spiral conveyor (6) connected to an outlet crown (7), and acts as a second reducing pitch and as increaser of the outlet torque. The unit also includes a programming disk (9) to memorize the limits of ends of travel of the outlet axle, to rotate in either direction the winding/unwinding tube of the blind or awning to which the said unit is attached, so that this unit is placed on the outside.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 50 0133

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	DE-A-3 834 643 (FA. BERNER) * the whole document *	1	E06B9/68

A	FR-A-2 377 114 (FRANCIAFLEX) * the whole document *	1	

A	DE-B-2 512 102 (SIEMENS AG) * the whole document *	1	

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E06B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 07 APRIL 1992	Examiner KRABEL A.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P0401)