

Title (en)
Machine for cabling threads.

Title (de)
Maschine zum Kablieren von Fäden.

Title (fr)
Machine de câblage de fils.

Publication
EP 0348306 A1 19891227 (FR)

Application
EP 89420178 A 19890523

Priority
FR 8808562 A 19880621

Abstract (en)
Machine for cabling threads, comprising a regulator device (or cabling head) (7) in which each working position consists of an assembly DT similar to a double-twist unwinding spindle making it possible to join the two elementary threads (1) and (2) by twisting, one of the threads (1) forming a balloon (1a) surrounding the dish, inside which the bobbin of the second thread is arranged, and the two threads (1,2) being assembled together on the cabling head (7) consisting of an assembly comprising two pulleys (13,14) mounted on a support which, during normal operation, is driven in rotation directly by the balloon (1a) of the thread (1). It is characterised in that it involves associating the cabling head (or regulator)(7) with a low-torque motor (22,23) capable of being activated for a brief period (of the order of two to three seconds) at least at the moment when the installation is started, and then, during normal operation, stopping the said motor, the synchronisation with the progressive offset establishing the helical path of the thread (1a) being ensured by the thread balloon itself. <IMAGE>

IPC 1-7
D02G 3/28

IPC 8 full level
D02G 3/28 (2006.01)

CPC (source: EP)
D02G 3/285 (2013.01)

Citation (search report)
• [AD] EP 0165188 A2 19851218 - VERDOL SA [FR]
• [A] FR 1175229 A 19590323 - DEERING MILLIKEN RES CORP

Cited by
KR101402824B1; FR2914320A1; WO2010009786A1; WO2008132374A3

Designated contracting state (EPC)
DE IT

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