

Title (en)

HIGH SPEED BUNDLING MACHINE FOR PLURAL, ESPECIALLY QUADRUPLE TWISTING OF FILAMENTS INTO A ROPE

Publication

EP 0007875 B1 19830126 (FR)

Application

EP 79400534 A 19790726

Priority

FR 7822436 A 19780728

Abstract (en)

[origin: US4328662A] A multiple twisting machine, particularly adapted for quadruple twisting, said machine adapted to helically twist unitary strands and form a cable. The machine comprises two coaxially rotating frames, one frame being driven by the other frame via a reverser, said reverser rendered immobile by a weight and coupled to each of said frames by a belt. One of the frames comprises an external frame driven by pulleys at its ends and comprises two side plates connected by a stretched, taut rope which guides the cable over a portion of its path. The unitary strands enter the machine and the cable follows a predetermined path which ends where the cable is twisted about a cradle pulley which is stabilized by the weight. The internal frame is light and balanced to permit an elevated speed at rotation and speed up cable production.

IPC 1-7

D07B 3/10; **H01B 13/02**

IPC 8 full level

D07B 3/04 (2006.01); **D07B 3/10** (2006.01); **H01B 13/02** (2006.01)

CPC (source: EP US)

D07B 3/04 (2013.01 - EP US); **D07B 3/10** (2013.01 - EP US); **D07B 3/106** (2013.01 - EP US); **D07B 2207/409** (2013.01 - EP US)

Cited by

CN104894902A; US5456070A; FR2703081A1

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EP 0007875 A1 19800206; **EP 0007875 B1 19830126**; AT E2345 T1 19830215; DE 2964611 D1 19830303; FR 2432065 A1 19800222; FR 2432065 B1 19821210; US 4328662 A 19820511

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