

Title (en)

DEVICE FOR THE ALTERNATE TWISTING (SZ-TWISTING) OF AT LEAST ONE CABLE-TWISTING ELEMENT AROUND A CENTRAL ELEMENT

Publication

EP 0222427 B1 19910911 (DE)

Application

EP 86201740 A 19861008

Priority

DE 3536488 A 19851012

Abstract (en)

[origin: EP0222427A2] The invention relates to a device for alternate-lay helical stranding of a cable with at least one stranding element around a core element using a strand-laying disc driven with alternating direction of twist and a stationary disc and with strand offset discs driven in the same direction as the strand-laying disc and at the rate of the alternating twist and arranged between the stationary disc and the strand-laying disc. The fluctuations in length of the sections of the stranding elements stored intermittently between the stationary disc and the strand-laying disc are reduced by the fact that the strand offset discs (15 to 21) are driven with essentially the same rotational speed but at an angle of twist that reduces in stages towards the stationary disc (14) in such a manner that during each half period (t_1 or t_r) of the alternate-lay helical stranding (clockwise or anticlockwise) rotation of the strand offset disc (21) adjacent to the strand-laying disc (11) starts with a delay of a defined angle of rotation β and that of the following strand offset discs (20 to 15) starts with a delay of an angle of rotation of an equal amount compared with the previous discs (21 to 16). <IMAGE>

IPC 1-7

H01B 13/02

IPC 8 full level

H01B 13/02 (2006.01)

CPC (source: EP)

H01B 13/0257 (2013.01)

Designated contracting state (EPC)

AT DE FR GB IT NL

DOCDB simple family (publication)

EP 0222427 A2 19870520; EP 0222427 A3 19890201; EP 0222427 B1 19910911; AT E67336 T1 19910915; DE 3536488 A1 19870416; DE 3681406 D1 19911017

DOCDB simple family (application)

EP 86201740 A 19861008; AT 86201740 T 19861008; DE 3536488 A 19851012; DE 3681406 T 19861008