

Title (en)

Method for manufacturing a cable with alternating twist direction from elements of sector-shaped cross-section

Title (de)

Verfahren zur Herstellung einer Kabelverseilung mit wechselnder Schlagrichtung aus Einzelelementen kreissektorförmigen Querschnitts

Title (fr)

Procédé de fabrication d'un cable avec sens de cablage alterné comportant des éléments à section transversale en forme de secteur

Publication

EP 1017064 B1 20040506 (DE)

Application

EP 98890382 A 19981230

Priority

EP 98890382 A 19981230

Abstract (en)

[origin: EP1017064A1] To form a round twisted electric cable, with wire cable components (1) twisted in both directions, static guides (9) for the wires (1) are in front of the twist holding zone (L). Guides (2,3), with a circular arc shape, apply a torque to the wires (1) which match the circular cross section of a round cable. The static guides (9) move the wires (1) into the angular lie at the twisting cable. The gap (L) between the twisting head (4) and the static guides (9) is a whole number multiple of the gap at the change points of the pitch direction at the finished cable, within a tolerance of 20%, and is longer than the length of the twist holding zone for winding the wires (1). The twisting of the wires (1) round their own axes is measured (7) shortly before the twisting head (4), in relation to the profiled guides (2,3), and the angular deviation is taken for correction of the pitch lengths.

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H01B 13/02; **D07B 5/10**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 1017064 A1 20000705; **EP 1017064 B1 20040506**; AT E266242 T1 20040515; DE 59811342 D1 20040609; DK 1017064 T3 20040802; ES 2217531 T3 20041101; PT 1017064 E 20040831; SI 1017064 T1 20041031

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