Title (en)

FILAMENT WINDING DEVICE

Title (de)

FILAMENTWICKELVORRICHTUNG

Title (fr)

DISPOSITIF D'ENROULEMENT FILAMENTAIRE

Publication

EP 2623298 A8 20131016 (EN)

Application

EP 11828900 A 20110921

Priority

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Abstract (en)

[origin: EP2623298A1] Provided is a technique which enables fiber bundles to be wound around the outer circumference surface of a liner at equal intervals even when the winding angle of the fiber bundles changes. A filament winding device (100) provided with: a first helical head (43) on which fiber bundle guides (80) are radially disposed in the periphery of a liner (1) to be transported; and a second helical head (44) which is disposed adjacent to the first helical head (43) and on which the fiber bundle guides (80) are radially disposed in the periphery of the liner (1) to be transported. The filament winding device (100) is characterized by being provided with a phase adjusting means (50) for adjusting the phase difference (PA) between the fiber bundle guides (80) on the first helical head (43) and the fiber bundle guides (80) on the second helical head (44) in accordance with the angle (¸) at which the fiber bundle (F) is wound around the liner (1).

IPC 8 full level

B29C 70/16 (2006.01); B29K 105/08 (2006.01)

CPC (source: EP KR US)

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