

Title (en)
Planetary stranding machine

Title (de)
Korbverseilmaschine

Title (fr)
Toronneuse planétaire

Publication
EP 0407855 B1 19960103 (DE)

Application
EP 90112634 A 19900703

Priority
DE 3922862 A 19890712

Abstract (en)
[origin: EP0407855A2] In planetary stranding machines, in which the rotor consists essentially of a supporting tube, to which disc-shaped supporting plates for the rotatably mounted bobbin carriers are connected, for purely constructional reasons the rotor cannot be designed with the necessary bending resistance, thus resulting here in limitations to the maximum permissible rotational speed which lead to a limitation of the production capacity. <??>The arrangement on the supporting tube (6) of longitudinal webs (7) directed radially outwards and distributed uniformly on the circumference affords a greater resistance which permits higher rotational speeds. Furthermore, if the supporting plates (12) on the one hand and the axes of rotation (13) of the bobbin carriers (9) on the other hand are arranged at an angle to the supporting tube (6), this produces a considerable reduction of the flight-circle diameter which in turn allows an increased operating speed, so that the production capacity can be increased. <IMAGE>

IPC 1-7
D07B 3/06

IPC 8 full level
D07B 3/06 (2006.01)

CPC (source: EP US)
D07B 3/06 (2013.01 - EP US)

Citation (examination)
• US 4253298 A 19810303 - VARGA JOSEPH
• US 3130754 A 19640428 - BRATZ OTTO J
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• DD 207741 B

Cited by
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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0407855 A2 19910116; EP 0407855 A3 19920318; EP 0407855 B1 19960103; AT E132552 T1 19960115; DE 3922862 A1 19910117; DE 59010024 D1 19960215; ES 2084620 T3 19960516; US 5144792 A 19920908

DOCDB simple family (application)
EP 90112634 A 19900703; AT 90112634 T 19900703; DE 3922862 A 19890712; DE 59010024 T 19900703; ES 90112634 T 19900703; US 48809790 A 19900305