

Title (en)
INTERMEDIARY PACKING TRAY FOR TEXTILE YARN SPOOLS

Publication
EP 0194405 A3 19870527 (DE)

Application
EP 86100059 A 19860103

Priority
DE 3509109 A 19850314

Abstract (en)
[origin: EP0194405A2] The intermediate packing tray (1) for in particular textile yarn spools having centring devices (3) for the ends (4) of cores (2) projecting from the spools in each case and having yarn resting surfaces (5), which are in each case adjacent to said centring devices (3), for the end faces of the yarn bodies is made of plastic, preferably deep-drawn. As centring device (3), it has in each case several concentric centring surfaces (6) inside the yarn resting surfaces (5), which centring surfaces (6) are adapted to the standardised dimensions of the core ends (4) and either fit into the interior of the edge region of the cores or grip around the outside of this edge region with the result that, in each case, the core ends of different dimensions find a matching centring device. Furthermore, the cores of such textile yarn spools which are situated in different positions above one another are kept apart so that they cannot damage one another. An intermediate packing tray (1) of this type has a long service life and simplifies the organisation, in particular in companies in which many textile yarn spools with cores of different dimensions have to be handled. <IMAGE>

IPC 1-7
B65D 71/00

IPC 8 full level
B65D 71/70 (2006.01)

CPC (source: EP)
B65D 71/70 (2013.01)

Citation (search report)

- [X] DE 2346145 A1 19750320 - VAKUUM TECHNIK
- [Y] US 2704600 A 19550322
- [A] GB 955883 A 19640422 - HARTMANN FIBRE LTD
- [A] CH 458269 A 19680630 - KALLE AG [DE]
- [A] FR 2450753 A1 19801003 - DELTEIL CLAUDE
- [A] FR 1459990 A 19661125 - EMBALLAGE FONCTIONNEL L [FR]

Cited by
DE4212466A1; EP0374396A1; EP1013563A1; DE19808013A1; DE19808013C2; EP0304752B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0194405 A2 19860917; EP 0194405 A3 19870527; DE 3509109 A1 19860925

DOCDB simple family (application)
EP 86100059 A 19860103; DE 3509109 A 19850314