

Title (en)
Securing an end flange to a cardboard core

Title (de)
Verbindung eines Endteils mit einem Karton-Rohrkern

Title (fr)
Fixation d'un flasque sur un coeur en carton

Publication
EP 0882667 A1 19981209 (DE)

Application
EP 98810466 A 19980520

Priority
DE 19723076 A 19970602

Abstract (en)
The plastic end part (2) has a tubular plug section (5) pushed into the core (1). The plug has several circumferential longitudinal ribs (7) with dovetail-shaped profile. The outer flanks of the ribs are approximately radial, and preferably merge with sharp edges into a V-shaped groove. The inner free ends of the ribs merge wedge-like into the outer surface of the plug section. The plug section has a slot and an expander element is inserted into its free end. Anchoring elements project from its outer circumference.

Abstract (de)
Ein rohrförmiger Ansatz (5) des Endteils (2) ist in den Kern (1) eingeschoben. Der Ansatz (5) hat benachbart dem freien Ende hakenartige Vorsprünge (11). Damit wird eine sichere Verankerung des Endteils (2) im Kern (1) auch bei wechselnden Klimabedingungen erreicht. <IMAGE>

IPC 1-7
B65H 75/14; **B65H 75/18**

IPC 8 full level
B41J 33/00 (2006.01); **B65H 75/08** (2006.01); **B65H 75/14** (2006.01); **B65H 75/18** (2006.01); **B65H 75/30** (2006.01)

CPC (source: EP US)
B41J 33/00 (2013.01 - EP US); **B65H 75/08** (2013.01 - EP US); **B65H 75/30** (2013.01 - EP US); **B65H 2301/41369** (2013.01 - EP US)

Citation (search report)

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US 5997195 A 19991207; AT E210066 T1 20011215; CA 2239236 A1 19981202; DE 19723076 A1 19981203; DE 19723076 C2 20000120; DE 59802294 D1 20020117; EP 0882667 A1 19981209; EP 0882667 B1 20011205

DOCDB simple family (application)
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