

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 B1 20011205 (DE)

Application
EP 98810466 A 19980520

Priority
DE 19723076 A 19970602

Abstract (en)
[origin: US5997195A] A tube-shaped stub (5) of an end piece (2) is inserted into ribbon tube core (1). The stub (5) has, adjacent to its free end, hook-like projections (11). This achieves secure anchoring of the end piece (2) in the core (1), even under changing climatic conditions.

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)

Cited by
US7764927B2

Designated contracting state (EPC)
AT CH DE FR GB IT LI

DOCDB simple family (publication)
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)
US 8810098 A 19980601; AT 98810466 T 19980520; CA 2239236 A 19980529; DE 19723076 A 19970602; DE 59802294 T 19980520; EP 98810466 A 19980520