

Title (en)

Abutment joint for paper reel cores

Title (de)

Stossverbindung für Wickelkerne aus Papier

Title (fr)

Joint bout à bout pour des bobines de papier

Publication

EP 1676804 A3 20060802 (EN)

Application

EP 05397026 A 20051219

Priority

FI U20040490 U 20041229

Abstract (en)

[origin: EP1676804A2] An abutment joint for end-to-end joining of paper reel cores, the abutment joint comprising a first conical surface (4) formed on the outer surface of one core (2) and a second conical surface (3) formed on the inner surface of the other core (1), whereby said first conical surface and said second conical surface abut against each other in the joint, wherein at least one protrusion (6) is formed at least on one conical surface and at least one groove (5) is formed at least on the other conical surface to form an interlocking joint between the cores.

IPC 8 full level

B65H 75/50 (2006.01); **B31C 99/00** (2009.01)

CPC (source: EP US)

B65H 75/50 (2013.01 - EP US)

Citation (search report)

- [X] WO 03004393 A1 20030116 - CORE LINK AB [SE], et al
- [X] US 6102327 A 20000815 - RIPPLINGER C ROBERT [US]
- [A] WO 9419271 A1 19940901 - JOHANSSON UNO [SE]
- [DA] WO 0003868 A1 20000127 - A P E TRADING OY [FI], et al

Cited by

EP2058259A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1676804 A2 20060705; EP 1676804 A3 20060802; CA 2530897 A1 20060629; FI 6592 U1 20050225; FI U20040490 U0 20041229; US 2006180701 A1 20060817

DOCDB simple family (application)

EP 05397026 A 20051219; CA 2530897 A 20051220; FI U20040490 U 20041229; US 31258205 A 20051221