

Title (en)

METHOD AND SYSTEM FOR APPLYING HEAT TRANSFER LABELS

Title (de)

VERFAHREN UND SYSTEM ZUM AUFBRINGEN VON WÄRMETRANSFERETIKETTEN

Title (fr)

PROCÉDÉ ET SYSTÈMES PERMETTANT D'APPLIQUER DES ÉTIQUETTES À TRANSFERT THERMIQUE

Publication

EP 2528829 B1 20140625 (EN)

Application

EP 10805554 A 20101220

Priority

- US 29915110 P 20100128
- US 2010043343 W 20100727
- US 85342910 A 20100810
- US 84503710 A 20100728
- US 2010061272 W 20101220

Abstract (en)

[origin: WO2011093958A1] A label processing system comprises: a heat transfer label including a support member (20) or web, and a region of ink or other pigmented formulation disposed on the support member; and a label processor for concurrently heating and contacting a label to a container (10), the label processor including (i) a rigid frame (50) defining a first face (52) and an oppositely directed second face (54), the frame defining an opening (60) extending between the first and the second faces, and (11) a flexible member (30) disposed adjacent to at least one of the first face (52) and the second face (54) of the frame (30) and extending through the opening of the frame and projecting outward from the second face (54) of the frame, the flexible member (30) defining an outer surface (46) for contacting a label (20), the flexible member defining an interior hollow region accessible from the first face (52) of the frame, the flexible member (30) being deformable upon application of a label contacting force to a portion of the member projecting outward from the second face (54) of the frame applying a label contacting force to the flexible member, whereby the deformed flexible member causes the heat transfer design to be at least partially transferred to the container.

IPC 8 full level

B65C 9/24 (2006.01); **B65C 9/36** (2006.01)

CPC (source: EP)

B65C 9/24 (2013.01); **B65C 9/36** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011093958 A1 20110804; WO 2011093958 A8 20120301; AU 2010291892 A1 20110811; AU 2010291892 B2 20151224; CA 2750143 A1 20110804; CA 2750143 C 20170214; CN 102781784 A 20121114; CN 102781784 B 20150819; CO 6382147 A2 20120215; EP 2528829 A1 20121205; EP 2528829 B1 20140625; EP 2528829 B8 20140827; JP 2013518003 A 20130520; JP 5833025 B2 20151216; MX 2011003271 A 20120306; PL 2528829 T3 20141128; RU 2011111287 A 20140310; RU 2546490 C2 20150410; ZA 201102241 B 20130130

DOCDB simple family (application)

US 2010061272 W 20101220; AU 2010291892 A 20101220; CA 2750143 A 20101220; CN 201080003311 A 20101220; CO 11036744 A 20110325; EP 10805554 A 20101220; JP 2012551159 A 20101220; MX 2011003271 A 20101220; PL 10805554 T 20101220; RU 2011111287 A 20101220; ZA 201102241 A 20110325