

Title (en)

OPERATION OF A SHRINKING DEVICE OF AN AUTOMATIC BUNDLING MACHINE

Title (de)

FUNKTIONSWEISE EINER RETRAKTIONSVORRICHTUNG EINER AUTOMATISCHEN SCHRUMPFOLIENVERPACKUNGSMASCHINE

Title (fr)

FONCTIONNEMENT D'UN DISPOSITIF DE RÉTRACTION D'UNE FARDELEUSE AUTOMATIQUE

Publication

EP 3450334 B1 20240612 (FR)

Application

EP 18191595 A 20180830

Priority

FR 1757974 A 20170830

Abstract (en)

[origin: US2019062016A1] Disclosed is object a method for operating a retraction device of an automatic bundler that is designed to be used in a facility for processing products that are delivered in the form of bundles that each group multiple products held together with a retractable film; with the retraction device being equipped with a retraction furnace including at least one heating unit that is designed to heat the air of the furnace and at least one air circulation unit that is designed to distribute the hot air in the furnace; with the operating method including a production mode during which the bundler is adjusted to be able to produce output and a superficial standby mode that helps save energy. The superficial standby mode includes the reduction in speed of at least one air circulation unit, compared to production mode, to a non-zero value. Also disclosed is a corresponding device.

IPC 8 full level

B65B 53/06 (2006.01); **B65B 57/00** (2006.01)

CPC (source: CN EP US)

B65B 53/06 (2013.01 - CN); **B65B 53/063** (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US); **B65D 71/08** (2013.01 - US)

Citation (examination)

- DE 102010011640 A1 20111117 - KHS GMBH [DE]
- KIERMAN STEVEN: "Energy equation", INTERNET CITATION, 3 July 2007 (2007-07-03), pages 1 - 5, XP093084418, Retrieved from the Internet <URL:https://www.packagingnews.co.uk/equipment/energy-equation-03-07-2007> [retrieved on 20230921]

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)

EP 3450334 A1 20190306; **EP 3450334 B1 20240612**; CN 109421962 A 20190305; CN 109421962 B 20220809; FR 3070376 A1 20190301; FR 3070376 B1 20210416; US 11235918 B2 20220201; US 2019062016 A1 20190228

DOCDB simple family (application)

EP 18191595 A 20180830; CN 201811002550 A 20180830; FR 1757974 A 20170830; US 201816114754 A 20180828