

Title (en)
DEVICE AND METHOD FOR PRINTING LABELS BY MEANS OF THERMAL PRINTING

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BEDRUCKEN VON ETIKETTEN MITTELS THERMODRUCK

Title (fr)
DISPOSITIF ET PROCÉDÉ D'IMPRESSION D'ÉTIQUETTES PAR IMPRESSION THERMIQUE

Publication
EP 3283300 B1 20191211 (DE)

Application
EP 16757020 A 20160825

Priority
• DE 102015118732 A 20151102
• EP 2016070051 W 20160825

Abstract (en)
[origin: CA3000287A1] The present invention relates to a device (1) for printing labels (2) by means of thermal printing having a thermal head (3) which has a thermal strip (4), having a back-pressure element carrier (5) which has a back-pressure element (6), wherein an introduction gap (7) is configured between the thermal strip (4) and the back-pressure element (6), through which introduction gap (7) the label (2) which is to be printed in each case can be guided, wherein the thermal head (3) is fastened movably to a thermal head carrier (8), and wherein the thermal strip (4) is pressed against the back-pressure element (6) with a predefined pressing force. In order to reduce the operating costs, the invention proposes that the back-pressure element (6) can be moved relative to the introduction gap (7). Furthermore, the invention relates to a method for printing labels (2) using a device (1) as defined above.

IPC 8 full level
B41J 2/32 (2006.01); **B41J 2/335** (2006.01); **B41J 3/407** (2006.01)

CPC (source: EP US)
B41J 2/32 (2013.01 - EP US); **B41J 2/335** (2013.01 - US); **B41J 3/4075** (2013.01 - EP US); **B41J 25/312** (2013.01 - US)

Citation (examination)
• JP H03208668 A 19910911 - RICOH KK
• JP H05116353 A 19930514 - KANZAKI PAPER MFG CO LTD

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)
DE 102015118732 A1 20170504; CA 3000287 A1 20170511; CA 3000287 C 20231003; CN 108136796 A 20180608; CN 108136796 B 20200303; DK 3283300 T3 20200309; EP 3283300 A1 20180221; EP 3283300 B1 20191211; ES 2769058 T3 20200624; PL 3283300 T3 20200601; US 10875325 B2 20201229; US 2018297376 A1 20181018; WO 2017076533 A1 20170511

DOCDB simple family (application)
DE 102015118732 A 20151102; CA 3000287 A 20160825; CN 201680063646 A 20160825; DK 16757020 T 20160825; EP 16757020 A 20160825; EP 2016070051 W 20160825; ES 16757020 T 20160825; PL 16757020 T 20160825; US 201615766811 A 20160825