

Title (en)
PRINTING APPARATUS AND CAN BODY MANUFACTURING SYSTEM

Title (de)
DRUCKVORRICHTUNG UND DOSENKÖRPERHERSTELLUNGSSYSTEM

Title (fr)
APPAREIL D'IMPRESSION ET SYSTÈME DE FABRICATION DE CORPS DE BOÎTE

Publication
EP 3482944 A4 20200415 (EN)

Application
EP 17823922 A 20170605

Priority
• JP 2016136103 A 20160708
• JP 2017014603 A 20170130
• JP 2017020811 W 20170605

Abstract (en)
[origin: EP3482944A1] A printing apparatus 500 is provided with a moving unit 550 used to convey a can body 10. In addition, the printing apparatus 500 is provided with a first linear unit 610 in a linear shape which the moving unit 550 travels to move in one direction. Moreover, the printing apparatus 500 is provided with a second linear unit 620 which the moving unit 550 travels to move in a direction opposite to the one direction, the second linear unit 620 being arranged in parallel with the first linear unit 610 and formed linearly. Further, the printing apparatus 500 is provided with a printing unit 520 that performs printing on the can body 10 held by the moving unit 550. By these units, the miniaturization of a printing apparatus and a can body manufacturing system is attained.

IPC 8 full level
B41J 2/01 (2006.01); **B41J 3/407** (2006.01); **B41J 11/00** (2006.01)

CPC (source: EP US)
B41J 2/01 (2013.01 - US); **B41J 3/4073** (2013.01 - US); **B41J 3/40733** (2020.08 - EP US); **B41J 11/00214** (2021.01 - EP US); **B41M 5/0088** (2013.01 - US)

Citation (search report)
• [Y] WO 2015036555 A2 20150319 - TILL GMBH [DE]
• [Y] EP 2100733 A1 20090916 - POLYTYPE S A [CH]
• [A] DE 4435199 A1 19960404 - KRONSEDER HERMANN [DE]
• [Y] WO 2009018892 A1 20090212 - KHS AG [DE], et al
• [A] WO 2013178418 A1 20131205 - KRONES AG [DE]
• See references of WO 2018008315A1

Cited by
EP4091820A1; EP4223422A4

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 3482944 A1 20190515; EP 3482944 A4 20200415; EP 3482944 B1 20210526; CN 109311316 A 20190205; CN 109311316 B 20200811; EP 3683062 A1 20200722; EP 3683062 B1 20210811; JP 2018012320 A 20180125; JP 2020179674 A 20201105; JP 6745229 B2 20200826; JP 7166312 B2 20221107

DOCDB simple family (application)
EP 17823922 A 20170605; CN 201780036182 A 20170605; EP 20156650 A 20170605; JP 2017014603 A 20170130; JP 2020123674 A 20200720