

Title (en)
Printing machine with cladding

Title (de)
Druckmaschine mit Verkleidung

Title (fr)
Imprimante avec habillage

Publication
EP 2743087 B2 20210505 (DE)

Application
EP 13189031 A 20131017

Priority
DE 102012223402 A 20121217

Abstract (en)
[origin: EP2743087A1] The printing machine (102) has a cover (101) which is configured, so that it separates the printing machine from the surrounding space (160) such that a controlled atmosphere is produced in the space (170) within the cover. A supply pipe unit (103) is provided to guide a container (120) in the space inside the cover. A diversion unit (104) is provided to forward the container from the space. A ventilation system (107) is provided to generate an excess pressure opposite to the outer pressure within the cover with a main stream. An independent claim is included for a direct printing method for printing the container by using a printing machine.

IPC 8 full level
B41J 3/407 (2006.01); **B41J 29/13** (2006.01); **B41J 29/377** (2006.01)

CPC (source: EP US)
B41J 3/4073 (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US)

Citation (opposition)
Opponent :
DE 102010044244 A1 20120308 - KHS GMBH [DE]

Cited by
EP3797886A1; US11052651B2; EP3450178A3; US11460199B2; EP4003741A4; WO2021021108A1; US11701907B2; EP3377325B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2743087 A1 20140618; **EP 2743087 B1 20160323**; **EP 2743087 B2 20210505**; CN 103862857 A 20140618; CN 103862857 B 20160615; DE 102012223402 A1 20140618

DOCDB simple family (application)
EP 13189031 A 20131017; CN 201310693322 A 20131217; DE 102012223402 A 20121217