

Title (en)
MACHINE FOR FORMING CONTAINERS FROM BLANKS

Title (de)
MASCHINE ZUM FORMEN VON BEHÄLTERN AUS ZUSCHNITTEN

Title (fr)
MACHINE POUR FORMER DES RÉCIPIENTS À PARTIR DE FLANS

Publication
EP 4272946 A1 20231108 (EN)

Application
EP 23170854 A 20230428

Priority
IT 202200008552 A 20220502

Abstract (en)
A machine for forming containers (500) from tubular blanks (300) comprises a feeding system (11) for feeding the tubular blanks (300) to the folding station (9); the feeding system (11) comprises an extraction system (12) for extracting the tubular blanks (300) from a magazine (100); the extraction system (12) comprises a plurality of carriages (13, 13a) movable along a closed path (P13) between an extraction station (14) for extracting the tubular blanks (300) and a delivery station (15) for delivering the tubular blanks (300); each carriage (13, 13a) is driven independently of the others and the extraction system (12) is configured in such a way that each carriage (13, 13a) passes through the extraction station (14) individually to receive a corresponding tubular blank (300) and stops in the delivery station (15).

IPC 8 full level
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CPC (source: EP)
B31B 50/003 (2017.08); **B31B 50/0044** (2017.08); **B31B 50/442** (2017.08); **B31B 50/594** (2018.05); **B65B 1/02** (2013.01); **B31B 50/06** (2017.08); **B31B 50/76** (2017.08); **B31B 2100/0022** (2017.08); **B31B 2110/10** (2017.08); **B31B 2110/35** (2017.08); **B31B 2120/102** (2017.08); **B31B 2120/302** (2017.08); **B65B 25/005** (2013.01); **B65B 2220/02** (2013.01)

Citation (applicant)
WO 2021024079 A1 20210211 - AZIONARIA COSTRUZIONI ACMA SPA [IT]

Citation (search report)
• [YD] WO 2021024079 A1 20210211 - AZIONARIA COSTRUZIONI ACMA SPA [IT]
• [Y] EP 3984893 A1 20220420 - ELOPAK GMBH [DE]
• [A] DE 102011054327 A1 20130411 - ELOPAK SYSTEMS [CH]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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