

Title (en)

LONGITUDINAL NOZZLE ARRANGEMENT, SEAL, AND PACKAGING MACHINE

Title (de)

LÄNGSDÜSENANORDNUNG, DICHTUNG UND VERPACKUNGSMASCHINE

Title (fr)

AGENCEMENT DE BUSE ALLONGÉE

Publication

**EP 4232365 A2 20230830 (DE)**

Application

**EP 21798591 A 20211018**

Priority

- DE 102020213308 A 20201021
- EP 2021078779 W 20211018

Abstract (en)

[origin: WO2022084235A2] The present invention relates to a longitudinal gassing nozzle and to the sealing of a packaging machine. The present invention also relates to a sealing station, which connects an upper material web to a lower material web, and to a method for producing a packaging.

IPC 8 full level

**B65B 7/28** (2006.01); **B65B 9/04** (2006.01); **B65B 31/02** (2006.01)

CPC (source: EP US)

**B65B 7/2878** (2013.01 - EP US); **B65B 9/04** (2013.01 - EP US); **B65B 31/028** (2013.01 - EP); **B65B 31/046** (2013.01 - US);  
**B65B 41/12** (2013.01 - US); **B65B 51/14** (2013.01 - US)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022084235 A2 20220428; WO 2022084235 A3 20220714;** EP 4232365 A2 20230830; US 2023382579 A1 20231130

DOCDB simple family (application)

**EP 2021078779 W 20211018;** EP 21798591 A 20211018; US 202118032611 A 20211018