

Title (en)  
SYSTEM AND METHOD FOR PACKAGING POWDERS

Title (de)  
SYSTEM UND VERFAHREN ZUR VERPACKUNG VON PULVERN

Title (fr)  
SYSTÈME ET PROCÉDÉ D'EMBALLAGE DE POUDRES

Publication  
**EP 3509951 A1 20190717 (EN)**

Application  
**EP 17780888 A 20170908**

Priority  
• IT 201600091025 A 20160908  
• IT 201600122878 A 20161202  
• IB 2017055425 W 20170908

Abstract (en)  
[origin: WO2018047108A1] The present document presents a system and a method for packaging powders in containers (S) through a hopper (T) and a first tube (TC) connected to the hopper (T). Air is sucked both in the area of the first tube and in the area of the hopper. The powder is then drawn directly from inside the hopper thus keeping the flow rate and the degree of compacting of the system constant. Moreover, the powder sucked inside the first tube is thus compacted and can be conveyed compacted towards the outlet. In this way it is possible to control the dosing of the product exiting from the system with high precision.

IPC 8 full level  
**B65B 1/12** (2006.01); **B65B 1/26** (2006.01); **B65B 1/42** (2006.01); **B65B 39/00** (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP)  
**B65B 1/12** (2013.01); **B65B 1/26** (2013.01); **B65B 1/42** (2013.01); **B65B 57/00** (2013.01); **B65B 39/005** (2013.01); **B65B 2210/10** (2013.01)

Citation (search report)  
See references of WO 2018047108A1

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

DOCDB simple family (publication)  
**WO 2018047108 A1 20180315**; CA 3035487 A1 20180315; CA 3035487 C 20210427; EP 3509951 A1 20190717; EP 3509951 B1 20200805

DOCDB simple family (application)  
**IB 2017055425 W 20170908**; CA 3035487 A 20170908; EP 17780888 A 20170908