

Title (en)
A FILLING MODULE

Title (de)
FÜLLMODUL

Title (fr)
MODULE DE REMPLISSAGE

Publication
EP 4177174 A2 20230510 (EN)

Application
EP 22204960 A 20221101

Priority
DE 102021128901 A 20211105

Abstract (en)
A filling module configured to locate on an open container to produce a bag-inbox package for storing bulk flowable material, the filling module comprising:a lid portion having a filling opening;a base portion fixed to the lid portion; andan expandable bag located between the lid portion and the base portion, the bag comprising:an inlet for introducing flowable material into the bag, the inlet being in communication with the filling opening of the lid portion; andan outlet for conveying flowable material out of the bag,wherein the bag is configured to expand when flowable material is introduced into the bag through the inlet,wherein the base portion is configured to be separated from the lid portion, such that the bag can expand into the open container.

IPC 8 full level
B65B 3/04 (2006.01); **B65B 67/02** (2006.01); **B65B 69/00** (2006.01); **B65D 77/06** (2006.01); **B65D 88/18** (2006.01)

CPC (source: EP)
B65B 3/045 (2013.01); **B65B 67/02** (2013.01); **B65B 69/0075** (2013.01); **B65D 77/061** (2013.01)

Cited by
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Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

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