Title (en)

PACKAGE FOR POURING A GRANULAR PRODUCT

Title (de)

VERPACKUNG ZUM ABGIESSEN EINES KORNPRODUKTS

Title (fr)

EMBALLAGE POUR DEVERSER UN PRODUIT GRANULAIRE

Publication

EP 1776292 B1 20100526 (EN)

Application

EP 05786584 A 20050812

Priority

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Abstract (en)

[origin: US2006032872A1] A package for dispensing a granular product has a first hollow body member, a second hollow body member, and a pouring spout. The first hollow body member has a first exterior surface and opposite therefrom a first interior surface which defines a first internal volume. The second hollow body member has a second exterior surface, a second interior surface, a flow-regulating passage, and a dispensing passage separate from the flow-regulating passage. The second exterior surface defines a second external volume smaller than the first internal volume. Opposite the second exterior surface, the second hollow interior surface defines a second internal volume. The pouring spout is operatively connected to the dispensing passage. When the first internal volume is at least about 50% full of a granular product, the package may be tilted for dispensing at a dispensing angle which causes the granular product to flow from the first internal volume through the flow-regulating passage into the second internal volume and from the second internal volume through the dispensing passage out of the package. When the flow rate is measured and calculated at dispensing angles of 120°, 150° and 180°, the standard deviation is less than about 30% of the average flow rate for each dispensing angle.

IPC 8 full level

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