

Title (en)

SEAL STRUCTURE FOR A PAINT CONTAINER POUR SPOUT

Title (de)

DICHTUNGSSTRUKTUR FÜR FARBENBEHÄLTER-AUSGIESSER

Title (fr)

STRUCTURE DE JOINT POUR BEC VERSEUR DE FLUIDE D'ELEMENT DE COUVERCLE DE RECIPIENT A PEINTURE

Publication

EP 1255652 A1 20021113 (EN)

Application

EP 00982630 A 20001011

Priority

- US 0041124 W 20001011
- US 50431100 A 20000215

Abstract (en)

[origin: WO0160635A1] A lid member (20A, 20B) for an original container (16A, 16B) of a liquid paint component (14). The lid member is usable with a system (10) for dispensing the paint component from its original container into a paint receptacle (152) according to a paint formula to form a liquid paint mixture. The lid member includes a base portion (26A) that is adapted to releasably engage an open top (22A) of the paint component container. The base portion has a pour spout (40A) through which the paint component can be dispensed, and a movable cover element (44A). The cover element is movable between a closed state, wherein the cover element covers the pour spout, and an opened state, wherein the pour spout is uncovered and the paint component can be dispensed from its original container and into the paint receptacle. A resilient seal mechanism (354) is positioned between the pour spout and the movable cover element for preventing leakage of the paint component, upon tilting of the original container, out of the pour spout past the cover element in the closed state of the cover element. A guide mechanism (470) of the seal mechanism ensures that the cover element is accurately aligned and guided during movement of the cover element between the closed and opened states. A securing mechanism (460) of the seal mechanism ensures that the seal mechanism is properly and securely mounted to the cover element and is unaffected by the attributes of the paint component.

IPC 1-7

B44D 3/12; **B65D 47/28**; **B01F 13/10**; **B01F 13/00**; **B01F 15/00**

IPC 8 full level

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CPC (source: EP)

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