

Title (en)

METHOD OF SEALING A CONTAINER WITH A LID STRUCTURE WITH IMPROVED ABUSE RESISTANCE

Title (de)

VERFAHREN ZUR VERSIEGELUNG EINES BEHÄLTERS MIT EINER DECKELSTRUKTUR MIT VERBESSERTEM SCHUTZ GEGEN MISSBRAUCH

Title (fr)

PROCÉDÉ DE SCELLEMENT D'UN CONTENANT AVEC UNE STRUCTURE DE COUVERCLE AYANT UNE RÉSISTANCE AMÉLIORÉE AUX MAUVAIS TRAITEMENTS

Publication

EP 2146907 A1 20100127 (EN)

Application

EP 08736155 A 20080411

Priority

- EP 2008054446 W 20080411
- EP 07106199 A 20070413
- EP 08736155 A 20080411

Abstract (en)

[origin: WO2008125639A1] A paint can comprising a lid structure (2, 10) having a plastic ring (2) and a central metal disc (20), which is affixed to a can body (30) and expanded to securely fix the lid structure (2, 10) to the can body (30) so that the container package meets legislation relating to the carriage of dangerous goods. The metal disc (20) has a peripheral U-shaped channel (22) and a locking structure (25) about its peripheral free edge. The plastic ring (2) includes a recess (7) into which the locking structure (25) is securely fastened.

IPC 8 full level

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CPC (source: EP)

B44D 3/127 (2013.01); **B65B 7/2842** (2013.01); **B65D 45/322** (2013.01)

Citation (search report)

See references of WO 2008125639A1

Cited by

US11185909B2; US9844805B2; US10010926B2; US10875684B2; US11459223B2; US11970381B2; US9663846B2; US10584402B2; US11519057B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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