

Title (en)

Device for the total emptying of large-size ink containers having a low degree of flowability.

Title (de)

Vorrichtung zum völligen Entleeren von grossen Behältern für Farbe mit einer niedrigen Fliessfähigkeit.

Title (fr)

Dispositif pour vider complètement des réservoirs d'encre à basse fluidité à grandes dimensions.

Publication

EP 0351899 B1 19940928 (EN)

Application

EP 89201477 A 19890608

Priority

IT 2144988 A 19880722

Abstract (en)

[origin: EP0351899A2] The device includes a pressing plate (13) provided with a concave lateral wall (14). With the latter there is held in engagement a cylindrical annular gasket (15) which is in contact with the lateral wall (2) of the container (1) at a lower extreme lip (17).

IPC 1-7

B41F 31/02

IPC 8 full level

B41F 31/02 (2006.01); **B67D 7/02** (2010.01)

CPC (source: EP)

B41F 31/02 (2013.01); **B67D 7/0227** (2013.01); **B67D 7/645** (2013.01)

Citation (examination)

EP 0227232 A2 19870701 - AUTOMATION INC [US]

Cited by

DE102009047862A1; DE202004009185U1; EP0810091A3; DE102010062797A1; EP1052217A1; EP0514770A1; US5265773A; EP0812801A1; FR2749835A1; WO9903777A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0351899 A2 19900124; EP 0351899 A3 19910102; EP 0351899 B1 19940928; AT E112212 T1 19941015; DE 68918520 D1 19941103; DE 68918520 T2 19950223; IT 1227418 B 19910409; IT 8821449 A0 19880722

DOCDB simple family (application)

EP 89201477 A 19890608; AT 89201477 T 19890608; DE 68918520 T 19890608; IT 2144988 A 19880722