

Title (en)

CUP-FILLING DEVICE FOR LUXURY FOODS, ESPECIALLY FOR DAIRY PRODUCTS

Publication

EP 0290724 A3 19890816 (DE)

Application

EP 88102945 A 19880227

Priority

DE 3716096 A 19870514

Abstract (en)

[origin: US4862933A] A conductive liquid is dosed with a vessel having an upper rim and with a dip tube having a lower end projecting down into the vessel below the rim thereof. The vessel is periodically overfilled with the liquid such that periodically the liquid overflows the rim. Immediately after each overfilling of the vessel, the liquid is aspirated from the vessel through the dip tube until the lower end of the dip tube is above the surface of the liquid in the vessel. The resistance between the dip tube and the liquid in the vessel is continuously monitored and an error signal is generated either when the detected resistance falls below a predetermined threshold corresponding generally to that of the liquid after the overfilling but before the aspirating or when the detected resistance is substantially above the threshold after the aspirating and before the next overfilling. The flow of liquid out of the vessel is impeded except over the rim and through the dip tube at least during the aspirating step.

IPC 1-7

B65B 55/10; **G01F 11/28**

IPC 8 full level

B65B 55/10 (2006.01); **G01F 11/28** (2006.01)

CPC (source: EP US)

B65B 55/10 (2013.01 - EP US)

Citation (search report)

- [A] FR 2120765 A5 19720818 - HAMBIA MASCHINEN H MULLER
- [A] FR 2487725 A1 19820205 - RESITEC [FR]

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0290724 A2 19881117; **EP 0290724 A3 19890816**; **EP 0290724 B1 19910703**; AT E64908 T1 19910715; DE 3716096 A1 19881201; DE 3716096 C2 19900104; DE 3863481 D1 19910808; ES 2024569 B3 19920301; US 4862933 A 19890905

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EP 88102945 A 19880227; AT 88102945 T 19880227; DE 3716096 A 19870514; DE 3863481 T 19880227; ES 88102945 T 19880227; US 19120488 A 19880506