

Title (en)

DEVICE FOR THE EXTEMPORANEOUS PRODUCTION OF LIQUID OR SEMI-LIQUID PRINTING INKS WITH DIFFERENT QUALITIES AND COLOURS

Publication

EP 0176140 A3 19861029 (FR)

Application

EP 85201460 A 19850913

Priority

IT 6795684 A 19840926

Abstract (en)

[origin: EP0176140A2] Equipment for producing a variety of printing inks of various colours, viscosity and other properties incorporates sufficient, stirred reservoirs for the range of ingredients necessary, means for selecting various combinations of ingredients and delivering them in a suitable sequence or simultaneously, at appropriate flow rates, to a mixing system by gravity feed and a receiving vessel with an agitator for homogenising material delivered by the mixing head. The selection and metering of ingredients for a particular ink compsn. is effected by a programmable system, specifically a computer with an input system for product formulation cards, and the receiver is supported by a weigh scale from which the readings are used to monitor the quantities prepnd.

IPC 1-7

B01F 15/04

IPC 8 full level

B01F 13/10 (2006.01); **B01F 15/04** (2006.01)

CPC (source: EP)

B01F 33/84 (2022.01); **B01F 35/2218** (2022.01); **B01F 35/881** (2022.01); **B01F 2101/35** (2022.01)

Citation (search report)

- [X] DE 3201221 A1 19830728 - RIBIC WALTER
- [A] FR 2540401 A1 19840810 - ARRIGONI GIORDANO [IT]
- [A] US 4046287 A 19770906 - HOEKSTRA JOOP FRANS, et al
- [A] FR 2308407 A1 19761119 - ARRIGONI GIORDANO [IT]
- [A] GB 2133775 A 19840801 - APPLIED COLOR SYSTEMS INC

Cited by

EP1057522A1; FR2676619A1; US5690252A; US7698021B2; US5407100A; EP0693310A3; EP0427497A1; EP0412598A3; EP0421742A1; US5115874A; EP0334092A1; US6308499B1; US10124304B2; AU685355B2; US6000837A; CN1070388C; EP0654298A1; US5584326A; EP0397797A4; TR28812A; WO2016067186A1; WO9626889A1

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