

Title (en)

Method and apparatus for blending plastic molding materials.

Title (de)

Verfahren und Vorrichtung zum Mischen plastischer Gussmaterialien.

Title (fr)

Procédé et dispositif pour mélanger des matériaux plastiques de moulage.

Publication

**EP 0594904 A1 19940504 (EN)**

Application

**EP 92309831 A 19921027**

Priority

EP 92309831 A 19921027

Abstract (en)

A method for blending plastic molding materials characterized by calculating the required quantity of either the main material or the subsidiary material on the basis of the measured value and/or scale factor of either the main material or the subsidiary material, inputting at least one point of the stroke of the scraper of the main material or subsidiary material corresponding to such required quantity as measurement data, and automatically setting the blending quantities of the main material and subsidiary material. An apparatus for executing this method comprises a rotating disk (20) possessing plural metering chambers (21, 22) in two liens (L1, L2) or more, one or more material discharge ports (11), a chute (17), scrapers (5, 5') for adjusting the filling levels of the metering chambers (21, 22) with materials, and a microcomputer (100) for inputting at least one point of the stroke of the scrapers (5, 5') as the measurement data, and automatically setting the mixing amount of the other material corresponding to one material. <IMAGE>

IPC 1-7

**B01F 15/04**; **B01F 15/02**

IPC 8 full level

**B01F 15/02** (2006.01); **B01F 15/04** (2006.01)

CPC (source: EP)

**B01F 35/71411** (2022.01); **B01F 35/882** (2022.01)

Citation (search report)

- [A] DE 345426 C
- [A] GB 743424 A 19560118 - KEIR & CAWDER LTD
- [A] DE 2416248 A1 19751016 - VER FOERDERUNG INST KUNSTSTOFF
- [A] EP 0394785 A1 19901031 - BERTOLINI C SAMI SNC [IT]
- [A] GB 1317412 A 19730516 - ANCHOR HOCKING CORP
- [A] US 3096909 A 19630709 - WALTER HACHLER

Cited by

JP2019199354A; AU2019268654B2; US11788876B2; WO2019220854A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0594904 A1 19940504**; **EP 0594904 B1 19970115**; AT E147657 T1 19970215; DE 69216833 D1 19970227; DE 69216833 T2 19970507

DOCDB simple family (application)

**EP 92309831 A 19921027**; AT 92309831 T 19921027; DE 69216833 T 19921027