

Title (en)

Fuzzy control for quality assurance in the manufacture of tablets

Title (de)

Fuzzysteuerungsverfahren zur Qualitätssicherung bei der Tablettenherstellung

Title (fr)

Procédé de commande floue pour assurer la qualité dans la fabrication de comprimés

Publication

EP 0698481 B1 19990203 (DE)

Application

EP 94250211 A 19940824

Priority

- EP 94250211 A 19940824
- DE 4315680 A 19930505

Abstract (en)

[origin: DE4315680A1] The invention relates to a method for quality assurance in the production of tablets using presses, which works by affecting the pressing force, the weight, the hardness and the height of the tablets by means of regulators. The object of the invention to develop a method of the generic type in accordance with which all the necessary regulating mechanisms to keep tablet weight, height and hardness constant operate in such a way that rapid elimination of deviations ensured and in accordance with which limit values can also be automatically optimised, is achieved by virtue of the fact that the regulating system is set up in such a way that it is composed of a plurality of interacting and essentially parallel regulating circuits for simultaneous regulation of the pressing force and the tablet parameters weight, height and hardness.

IPC 1-7

B30B 11/00

IPC 8 full level

B30B 11/00 (2006.01)

CPC (source: EP)

B30B 11/005 (2013.01)

Citation (examination)

Firmenprospekt"Fette die Präzision" PT3090 IC, Nov. 19990

Cited by

US7136717B2; US8361360B2

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

DE 4315680 A1 19941110; DE 4315680 C2 19960229; DE 59407774 D1 19990318; EP 0698481 A1 19960228; EP 0698481 B1 19990203; EP 0698481 B2 20030319; ES 2130350 T3 19990701; ES 2130350 T5 20031116

DOCDB simple family (application)

DE 4315680 A 19930505; DE 59407774 T 19940824; EP 94250211 A 19940824; ES 94250211 T 19940824