Title (en)
  DISPENSING CHAMBER

Title (de)
  AUSGABEKAMMER

Title (fr)
  CHAMBRE DE DISTRIBUTION

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  EP 3797605 A1 20210331 (EN)

Application
  EP 19199311 A 20190924

Priority
  EP 19199311 A 20190924

Abstract (en)
  A method of manufacturing a rod bearing a metered-amount of an additive material, the method comprising the steps of: providing a continuous material and moving the continuous material along a path; applying a metered-amount of the additive material to the continuous material such that at least a portion of the metered-amount of additive material is fixed to the continuous material; and, collecting excess additive material that has not been fixed to the continuous material. A system for manufacturing a rod bearing a metered-amount of additive material comprising: a chamber (102) comprising an entrance aperture (110) and an exit aperture (112), and a lower portion (108) configured suitable for collecting additive material; a dispenser (131, 132) to apply a metered-amount of additive material to a continuous material when a continuous material is passing through the chamber via the entrance aperture and exit aperture such that at least a portion of the metered-amount of additive material is fixed to the continuous material; and a sensor for measuring an amount of the collected excess additive material that has not been fixed to the continuous material when the continuous material is within the chamber.

IPC 8 full level
  A24D 3/02 (2006.01); A24C 5/18 (2006.01)

CPC (source: EP)
  A24D 3/022 (2013.01); A24C 5/1892 (2013.01)

Citation (search report)
  • [XYI] US 4582732 A 19860415 - ARTHUR HUGH M [GB]
  • [XY] KR 20110039641 A 20110420 - TONGYANG MOOLSAN CO LTD [KR]
  • [X] US 2004154630 A1 20040812 - TABUCHI HIROMI [JP], et al
  • [XYI] GB 2066707 A 19810715 - MOLINS LTD

Designated contracting state (EPC)
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Designated extension state (EPC)
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