

Title (en)
CONTROL DEVICE

Title (de)
KONTROLLEINRICHTUNG

Title (fr)
DISPOSITIF DE CONTRÔLE

Publication
EP 2697120 A1 20140219 (DE)

Application
EP 12707537 A 20120301

Priority
• DE 102011007269 A 20110413
• EP 2012053572 W 20120301

Abstract (en)
[origin: WO2012139812A1] The invention relates to a control device (10) comprising a radiation source (17) which is embodied, in particular, as an X-ray source for irradiating a pharmaceutical product (1) embodied, in particular as a capsule, a detector (18) for detecting radiation after irradiating the pharmaceutical product (1), a tube or shaft-shaped supply device (15) which is preferably arranged vertically at least in the region of the beam path (16) of the radiation source (17) for feeding the pharmaceutical product (1) into the beam path (16) of the radiation source (17), and means (25) for positioning and releasing the pharmaceutical product (1) in the region of the radiation beam (16) of the radiation source (17). According to the invention, the tube or shaft-shaped supply device (15) has a cross-section in the region of the beam path (16) which is greater than the cross-section of the pharmaceutical product (1), and that during irradiation, respectively only one pharmaceutical product (1) is arranged in the region of the beam path (16) of the radiation source (17).

IPC 8 full level
B65B 1/32 (2006.01); **G01G 9/00** (2006.01); **G01G 17/00** (2006.01); **G01N 23/12** (2006.01)

CPC (source: EP US)
A61J 3/074 (2013.01 - EP US); **G01G 9/005** (2013.01 - EP US); **G01G 17/00** (2013.01 - EP US); **G01N 23/043** (2013.01 - EP US); **G21K 5/10** (2013.01 - US); **G01N 2223/633** (2013.01 - EP US); **G01N 2223/652** (2013.01 - EP US)

Citation (search report)
See references of WO 2012139812A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011007269 A1 20121018; CN 103476678 A 20131225; CN 103476678 B 20160302; EP 2697120 A1 20140219; JP 2014515104 A 20140626; US 2014037064 A1 20140206; US 9368246 B2 20160614; WO 2012139812 A1 20121018

DOCDB simple family (application)
DE 102011007269 A 20110413; CN 201280017764 A 20120301; EP 12707537 A 20120301; EP 2012053572 W 20120301; JP 2014504222 A 20120301; US 201214111570 A 20120301