

Title (en)

METHOD FOR TREATING CONSUMER GOODS, AND MILLING DEVICE FOR CARRYING-OUT THE METHOD

Publication

EP 0274697 A3 19880803 (DE)

Application

EP 87118662 A 19871216

Priority

CH 503886 A 19861217

Abstract (en)

[origin: EP0274697A2] Process and grinding-type device for processing vital products (1) by means of at least two operating components (8) arranged in a housing (7), cooperating essentially on the front face and of which one is directly driven. The use of grinding-type equipment has, as a result of the product-oriented treatment of a very wide range of goods (1) led to a large amount of specialized equipment. According to the invention the product (1) is cold-processed at a high processing speed (2, 8) with only a short effective processing zone (3, 4, 5) thus enabling a high quality product to be obtained. The grinding-type device (6) is a high performance unit that can be modified in a particularly easy manner depending on the specific purpose, in order to produce, by means of a single device (6) with interchangeable components (8), a multi-purpose type grinder which is highly versatile. Said device is characterized in that its housing (7) opens and closes easily, in that it contains operating components (8) which can be adjusted (11, 12, 13, 14, 108) and can be interchanged according to the product (1) by means of coupling elements (16), guide components (17) to separate the product parts treated, feed components (15, 18), as well as components for conveying (2) and discharging (19, 20) the product, and at least one drive system (9).

IPC 1-7

B02C 7/10; **B02C 7/14**; **B02C 7/18**

IPC 8 full level

B02C 7/10 (2006.01); **B02C 7/14** (2006.01); **B02C 7/18** (2006.01)

CPC (source: EP)

B02C 7/10 (2013.01); **B02C 7/14** (2013.01); **B02C 7/18** (2013.01)

Citation (search report)

- [X] US 4257564 A 19810324 - PAMPLIN JAMES B
- [X] CH 200357 A 19381015 - GENTILLI PAOLO ING [IT]
- [X] DE 21928 C
- [A] DE 249825 C
- [A] DE 31081 C
- [A] GB 402848 A 19331214 - EIJI SATAKE
- [A] CH 289137 A 19530228 - HOFFMANN MAX [CH]
- [A] US 2959363 A 19601108 - RIMMER JAMES G

Cited by

FR2786112A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0274697 A2 19880720; **EP 0274697 A3 19880803**; CN 87108398 A 19880629; WO 8804577 A1 19880630

DOCDB simple family (application)

EP 87118662 A 19871216; CN 87108398 A 19871217; EP 8700784 W 19871216