

Title (en)

Apparatus for crushing products, especially feedstuffs.

Title (de)

Vorrichtung zum Zerkleinern von Produkten, insbesondere von Futtermitteln.

Title (fr)

Dispositif de broyage de produits, notamment agro-alimentaires.

Publication

EP 0177412 A1 19860409 (FR)

Application

EP 85401874 A 19850925

Priority

FR 8415230 A 19841004

Abstract (en)

1. Crusher device for produce, agricultural food produce in particular, comprising a dispenser (1) allowing the device to be supplied with a produce (P) which moves against hammers (2) wherein the crushed material (3) appears on a grill, whilst the rejected particles (5) accompany the hammers, provision being, moreover, made for means for recycling these rejected particles, to allow these rejected particles (5) to be detached from the hammers and to be recycled, characterized in that the recycling means comprise a shaft (6), or a double wall through which the rejected particles (5) rise up to redescend into the crusher, the shaft (6), or double wall being arranged to issue in a zone (7) situated at the bottom of the dispenser (1) in such a way that the rejected particles (5) and/or the air fanned by the crusher carry the produce (P) supplied by the dispenser with them.

Abstract (fr)

Le dispositif de broyage de produits, notamment agro-alimentaires, comprend un distributeur (1) permettant une alimentation du dispositif en un produit (P) qui va à la rencontre de marteaux (2). Le broyat (3) se présente sur une grille (G). Les particules refusées (5) accompagnent les marteaux (2). Une cheminée (6), ou une double paroi permet aux particules refusées (5) de remonter (flèche f1) pour redescendre (flèche f2) dans le broyeur.

IPC 1-7

B02C 11/04; **B02C 13/286**

IPC 8 full level

B02C 11/04 (2006.01); **B02C 13/286** (2006.01)

CPC (source: EP)

B02C 11/04 (2013.01); **B02C 13/286** (2013.01)

Citation (search report)

- [XD] US 1975406 A 19341002 - RESCHKE WILLIAM F
- [A] US 2316124 A 19430406 - SHELDON WILLIAM M
- [A] US 3929293 A 19751230 - HAHN WILLIAM F, et al
- [X] SOVIET INVENTIONS ILLUSTRATED, 8 août 1984, semaine 84/26, Derwent, Londres, GB; & SU - A - 1 047 512 (UKR AGRIC ACAD)

Cited by

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EP 0177412 A1 19860409; **EP 0177412 B1 19880518**; DE 3562712 D1 19880623; FR 2571275 A1 19860411

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