

Title (en)

Machine for grinding granular products with vibratory feeding of the product

Title (de)

Maschine zum Schleifen von körnigen Produkten mit Vibrationszuführung des Produkts

Title (fr)

Machine pour broyer des produits granulaires avec alimentation vibratoire du produit

Publication

**EP 2689852 A2 20140129 (EN)**

Application

**EP 13177654 A 20130723**

Priority

IT MI20121287 A 20120724

Abstract (en)

Machine for grinding granular products, comprising at least one pair of rolling cylinders (2) extending and rotating about a longitudinal axis (X-X) and a vibrating apparatus for feeding the product to said cylinders, comprising at least one casing (11) provided with an opening (12) for entry of the product and a nozzle (14) extending along the longitudinal direction (X-X) for dispensing the product to the cylinders (2), said casing (11) being connected to at least one vibrating device (20;120) arranged between a fixed frame (1) of the machine and the casing (11) itself and able to impart a vibratory movement to the feed apparatus, wherein the casing (11) has an approximately trapezoidal form with its bottom larger base (11a) directed towards the rolling cylinders (2) and top smaller base (11b) provided with an opening (12) for entry of the product into the casing (11) and the casing (11) is arranged in a top position substantially outside of the machine.

IPC 8 full level

**B02C 4/28** (2006.01)

CPC (source: EP)

**B02C 4/286** (2013.01)

Citation (applicant)

- WO 0132312 A1 20010510 - AGREX SPA [IT], et al
- GB 369477 A 19320324 - BUEHLER AG GEB
- CH 9700362 W 19970924

Cited by

CN112844562A; US10967381B2; WO2023043393A1; WO2020178044A1

Designated contracting state (EPC)

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BA ME

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**EP 2689852 A2 20140129; EP 2689852 A3 20150902**; CN 103567014 A 20140212; IT MI20121287 A1 20140125

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