

Title (en)

IMPACT MILL FOR GRINDING LOOSE MATERIAL

Title (de)

SCHLAGMÜHLE ZUR ZERKLEINERUNG VON SCHÜTTGUT

Title (fr)

BROYEUR À IMPACT POUR LE BROYAGE D'UNE MATIÈRE EN VRAC

Publication

EP 2908954 A1 20150826 (EN)

Application

EP 13801771 A 20130923

Priority

- IT MO20120230 A 20120924
- IB 2013058775 W 20130923

Abstract (en)

[origin: WO2014045255A1] An upgraded impact mill (1) for grinding loose material, comprising: at least a main rotor (2) moving in rotation around a first axis (3) inside a grinding chamber (4); at least a secondary rotor (10) moving in rotation around a second axis (11) inside an inlet chamber (12) of the material to be ground communicating with the grinding chamber (4), the secondary rotor (10) being suitable for sending the material to be ground inside the grinding chamber (4); - the inlet chamber (12) and the grinding chamber (4) being delimited by at least two respective side walls (4a, 12a) arranged substantially transversal to the first and second axes (3, 11), respectively and by at least a connection wall (4b, 12b) placed between the respective side walls (4a, 12a) to surround at least in part the relative rotor (2, 10), the first and second axis (3, 11) being arranged substantially horizontal and parallel to one another; where the inlet chamber (12) has an inlet gap (13) of the material to be ground defined on at least one of the side walls (12a).

IPC 8 full level

B02C 13/09 (2006.01); **B02C 13/20** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2014045255A1

Cited by

IT201900007560A1; IT201700107927A1; RU2764991C2; WO2019064210A1; WO2020240007A1

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