

Title (en)

ATTRITOR MILL AND PROCESS FOR USING IT

Title (de)

RÜHRWERKSMÜHLE UND PROZESS FÜR BENUTZUNG DAVON

Title (fr)

BROYEUR AGITATEUR ET PROCÉDÉ POUR SON UTILISATION

Publication

EP 2846917 A1 20150318 (EN)

Application

EP 12721577 A 20120510

Priority

GB 2012051024 W 20120510

Abstract (en)

[origin: WO2013167851A1] An attritor mill (1) comprises a grinding chamber (5) and a rotor (7) having a plurality of radial arms (9, 9', 9"). The attritor mill (1) is arranged to grind, mince, triturate or micronize a material to be treated, such as for example urban solid waste, food scraps or more generally the so-called "wet waste", by carrying out the following steps: S1) mixing the material to be treated with metal balls or pebbles (11) in the grinding chamber (5); S2) rotating the rotor so that its arms strike the balls or pebbles (11) and the latter bounce against the walls of the grinding chamber (5) and other balls or pebbles (11), and/or strike the material to be treated. The mill (1) has improved efficiency due to lifting projection (19) arranged for deviating upwards the free grinding bodies (11) that strike the projection (19) itself.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2013167851A1

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