Title (en)
ROTOR MILL WITH DIRECT OR INDIRECT COOLING OF THE MILLING SPACE

Title (de)
ROTORMÜHLE MIT UNMITTELBARER ODER MITTELBARER KÜHLUNG IHRES MAHLRAUMS

Title (fr)
MOULIN À ROTOR AVEC REFROIDISSEMENT DIRECT OU INDIRECT DE L'ENCEINTE DE BROYAGE

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Application
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Abstract (en)
[origin: WO2013186362A1] The invention relates to a rotor mill for laboratory operation, comprising a rotor coupled to a drive motor as a milling tool, a ring sieve (28) surrounding the milling chamber (25) of the rotor (18), and an annular collecting container (26) for the ground milling material, which collecting container is arranged on the outer circumference of the ring sieve (28) and can be inserted into the housing of the rotor mill and is provided with a cover (29), the milling unit comprising the rotor (18), the ring sieve (28), and the collecting container (26) being closable by a housing cover (15) having a milling material inlet opening (17), is characterized in that at least one component of the milling unit and/or of the rotor mill that directly or indirectly surrounds the milling chamber (25) of the rotor (18) is designed for conducting and/or accommodating a cooling medium and/or for cooling by means of a gaseous cooling fluid flowing around on the outside, said gaseous cooling fluid having being introduced into the housing.

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