Claims

1. A method for the grinding of grinding material by at least one grinder (10), the method comprising:
actuating (110) the grinder (30) in a first direction for grinding of the grinding material; and
actuating (140) the grinder (30) in a second direction different from the first direction;
characterized in that the grinder (30) is actuated in the second direction after completion of the grinding of the grinding material in response to a user input (130) and/or automatically in response to a number of actuations (110) of the grinder (30) in the first direction.

2. The method as claimed in claim 1, characterized in that the grinder (30) is actuated (140) in the second direction, in response to each actuation (110) of the grinder (30) in the first direction.

3. The method as claimed in claim 1 or 2, characterized in that the grinder (30) is actuated (140) in the second direction in response to an obstruction (130) to grinding detected during grinding.

4. The method as claimed in claim 3, characterized in that the user input (130) is directed toward cleaning and/or adjusting the grinder (30).

5. The method as claimed in one of the preceding claims, characterized in that the actuation (110, 140) of the grinder (30) comprises a movement, in particular a translational and/or rotational movement, of a first grinding element (10) relative to a second grinding

element (20).

6. The method as claimed in one of the preceding claims, characterized in that the actuation (110) of the grinder (30) in the first direction comprises a rotational movement in the first direction of the first grinding element (10) relative to the second grinding element (20), and wherein the actuation (140) of the grinder (30) in the second direction comprises a rotational movement in the second direction, counter to the first, of the first grinding element (10) relative to the second grinding element (20).

7. The method as claimed in one of the preceding claims, characterized in that the actuation (140) of the grinder (30) in the second direction comprises an adjustment of the grinder (30) to set a second degree of grinding, which is preferably coarser than a previously set first degree of grinding.

8. The method as claimed in one of claims 5-7, characterized in that the first grinding element (10) is a grinding rotor, in particular a grinding cone, and wherein the second grinding element (20) is a grinding stator, in particular a grinding ring.

9. The method as claimed in one of the preceding claims, characterized in that the method further comprises: adjusting (220) the grinder, in particular following the actuation (140) of the grinder in the second direction, to set a third degree of grinding, preferably finer than the first and/or second degree of grinding.

10. The method as claimed in one of the preceding claims,

characterized in that the adjustment (220) of the grinder comprises enlarging and/or reducing a grinding gap (33), in particular a grinding gap between the first grinding element (10) and the second grinding element (20).

11. The method as claimed in one of the preceding claims, characterized in that the adjustment (220) of the grinder comprises a translational movement and/or axial movement of one or the first grinding element (10) relative to one or the second grinding element (20).

12. The method as claimed in one of the preceding claims, characterized in that the method further comprises: actuating (230) the grinder (30) in the first direction for grinding of the grinding material with a degree of grinding, in particular the first and/or the third degree of grinding.

13. The method as claimed in one of the preceding claims, characterized in that the grinding material comprises coffee beans and/or coffee powder and/or the grinder (30) is a grinder for a coffee machine.

14. The method as claimed in one of the preceding claims, characterized in that the grinder (30) is set up to convey grinding material from an input side (34) to an output side (35) with operation in the first direction, and/or in that the grinder (30) is set up to convey grinding material back to an input side (34) with operation in the second direction.

15. A coffee machine having at least one grinder (30) and a data processing device comprising means for carrying out

the method as claimed in one of the preceding claims.