6. Apparatus for performing a process according to any of the preceding claims, comprising:

a retort and a condensation vessel arranged to be protected by a cover;

whereby the upper region of the condensation vessel is in the upper region of the retort;

whereby the upper region of the retort is arranged to be surrounded by a heating element, suitable for heating the upper region of the retort between two different level lines to a temperature above the boiling point of magnesium; and

whereby the condensation vessel is arranged in a way, that the lower part of the condensation vessel is located below the lower level line.

7. Apparatus according to claim 6, characterized in that, the retort is made of stainless steel.

8. Apparatus according to claim 6 or 7, characterized in that, the cover is consisting of graphite.

9. Apparatus according to any of the claims 6 to 8, characterized in that, the apparatus is arranged for a supply chamber to be connected to the retort, whereby the supply chamber is arranged to be connected with means for evacuating the retort.

10. Apparatus according to claim 9, whereby the supply chamber is arranged above the retort.