

Title (en)

DEVICE AND METHOD FOR CLEANING GRANULAR OR PASTY MATERIALS, PARTICULARLY SOILS

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EP 0328990 A3 19900704 (DE)

Application

EP 89102048 A 19890206

Priority

DE 3805099 A 19880218

Abstract (en)

[origin: EP0328990A2] The invention relates to a means and a process for cleaning a granular or pasty material (g), in particular a soil which is loamy and moist. A burner (6) is provided, into which the material (g (v)) to be cleaned is introduced. The burner (6) has a first transfer nozzle (6a) for the material (g) cleaned by the action of heat and a second transfer nozzle (6b) for a gas/vapour mixture (m) formed by evaporation. A combination component (15), obtained by combining the gas cleaner and condenser, is connected to the second transfer nozzle (6b) of the burner. The combination component (15) has a first outlet nozzle (24) for the removal of liquid, in particular aqueous solution (w). This first outlet nozzle (24) is preferably connected to a water preparation apparatus (32) which provides purified industrial water. A second outlet nozzle (25) serves for removing purified, uncondensed gases (p). The combination component (15) also has at least one further outlet nozzle (28, 30) for condensed pollutants (u or o). These may be, in particular, mercury and/or oil.

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CPC (source: EP)

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