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(54) Title: METHOD OF PREPARING A MICRONIZED SULPHUR FERTILIZER PRODUCT WITH UREA

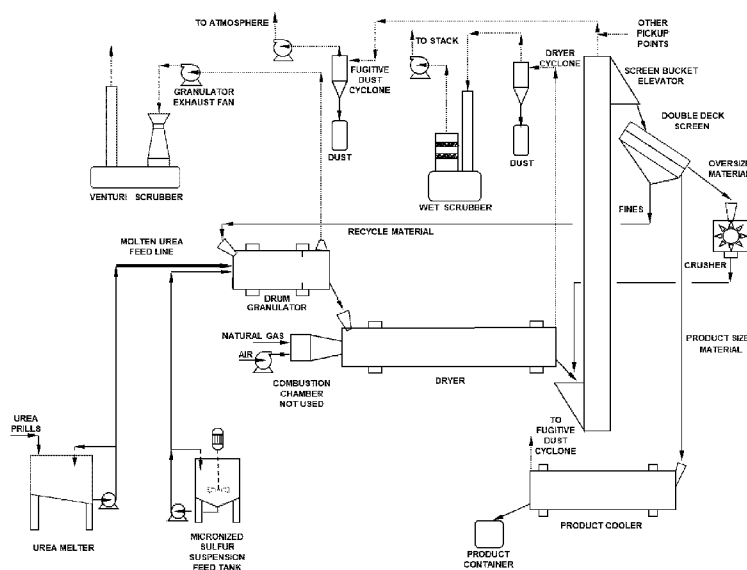


Figure 1.

(57) Abstract: A process for the production of elemental sulphur-urea fertilizer products is described, comprising the preparation of molten urea; preparing a suspension of micronized sulphur particles with water; mixing the molten urea with suspension of micronized sulphur particles with water wherein the micronized sulphur particles substantially remain in micronized solid state; and spraying the mixture of molten urea and suspension of micronized sulphur particles with water into a granulator, wherein the water in the mixture is flashed off, resulting in the formation of sulphur-urea granules with an even distribution of urea and micronized sulphur particles. An elemental sulphur-urea fertilizer composition obtained by the process is also described.

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