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(54) **Title**: PROCESS FOR THE PRODUCTION OF METHYLBUTINOL

(57) **Abstract**: Subject of the invention is a process for the production of methylbutinol, wherein the process comprises at least one pervaporation step. In a preferred embodiment, the process comprises the steps of • (a) providing a feed composition comprising methylbutinol and water, • (b) subjecting the feed composition to distillation in a distillation device, • (c) removing a sidestream from the distillation device, the sidestream having a higher water content than the feed composition, and • (d) subjecting said sidestream to pervaporation, thereby reducing the water content. The invention also relates to the use of pervaporation and/or a pervaporation membrane for removing water from methylbutinol, or for purifying methylbutinol.

PROCESS FOR THE PRODUCTION OF METHYLBUTYNOL

ABSTRACT

Subject of the invention is a process for the production of methylbutynol, wherein the process comprises at least one pervaporation step. In a preferred embodiment, the process comprises the steps of

(a) providing a feed composition comprising methylbutynol and water,

(b) subjecting the feed composition to distillation in a distillation device,

(c) removing a sidestream from the distillation device, the sidestream having a higher water content than the feed composition, and

(d) subjecting said sidestream to pervaporation, thereby reducing the water content.

The invention also relates to uses and devices relating to the inventive process.

[No figure]