

Title (en)
METHOD FOR PRODUCING FORMIC ACID

Title (de)
VERFAHREN ZUR HERSTELLUNG VON AMEISENSÄURE

Title (fr)
PROCÉDÉ DE PRODUCTION D'ACIDE FORMIQUE

Publication
EP 2588440 A1 20130508 (DE)

Application
EP 11728826 A 20110628

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Abstract (en)
[origin: WO2012000964A1] The invention relates to a method for obtaining formic acid by the thermal separation of a flow containing formic acid and a tertiary amine (I), wherein a liquid flow which contains formic acid and a tertiary amine (I) in a molar ratio of 0.5 to 5 is produced by combining tertiary amine (I) and a source of formic acid, 10 to 100 wt % of the secondary components contained in said flow are separated, and formic acid is removed by distillation from the resulting liquid flow in a distillation device at a bottoms temperature of 100 to 300 °C and a pressure of 30 to 3000 hPa abs, wherein the bottoms product from the distillation device is separated into two liquid phases and the upper liquid phase is returned to the source of formic acid and the lower liquid phase is returned for separation of the secondary components and/or to the distillation device.

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