

Title (en)

METHOD AND DEVICE FOR PRODUCING FORMATES AND THE USE THEREOF

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON AMEISENSAUREN FORMIATEN UND DEREN VERWENDUNG

Title (fr)

PROCEDE ET DISPOSITIF DE PRODUCTION DE FORMIATES ET LEUR UTILISATION

Publication

EP 1530560 A1 20050518 (DE)

Application

EP 03793657 A 20030730

Priority

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- EP 0308400 W 20030730

Abstract (en)

[origin: DE10237380A1] A method for the production of formic acid-formates (I) involves (a) partial hydrolysis of methyl formate (MF) with water, (b) distillation to give formic acid and water (stream S1) and (c) combination of (S1) with the corresponding formate (F) to give a mixture of (I) and water. An Independent claim is also included for apparatus for the production of (I), comprising a reactor (A) for the hydrolysis of MF, a distillation column (B) for separating a stream containing MF, formic acid, methanol and water into MF, methanol and a stream (S1) containing formic acid and water, and a column (E) for removing water from S1.

IPC 1-7

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CPC (source: EP KR US)

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