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(71) Applicant (for all designated States except US): BASF
AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen
(DE).

(72) Inventors; and

(75) Inventors/Applicants (US only): RAHN, Ralf-Thomas
[DE/DE]; Cannabichstr. 8, 68167 Mannheim (DE). WECK,
Alexander [DE/DE]; Buttstaedterstr. 9, 67251 Freinsheim
(DE). KAIBEL, Gerd [DE/DE]; Robert-Bosch-Str. 4, 68623
Lampertheim (DE).

(74) Attorneys: KINZEBACH, Werner etc.; Ludwigsplatz 4,
67059 Ludwigshafen (DE).

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(54) Title: METHOD FOR PURIFYING AN ORGANIC SOLVENT FOR THE PURPOSE OF ABSORPTION OF MALEIC ACID ANHYDRIDE

(54) Bezeichnung: VERFAHREN ZUR REINIGUNG EINES ORGANISCHEN LÖSUNGSMITTELS ZUR ABSORPTION VON MALEINSÄUREANHYDRID

(57) Abstract: The invention relates to an improved method for purifying an organic solvent for the purpose of absorbing a maleic acid anhydride from a gaseous mixture. The inventive method is characterized by removing the maleic acid anhydride from the solvent, removing a partial flow from the solvent flow, and distilling said partial flow and returning it to the solvent flow. A low-boiling fraction and a high-boiling fraction are removed from the fraction that substantially consists of purified solvent and the fraction that substantially consists of purified solvent is returned to the solvent flow.

(57) Zusammenfassung: Ein verbessertes Verfahren zur Reinigung eines organischen Lösungsmittels zur Absorption von Maleinsäureanhydrid aus einem gasförmigen Gemisch wird vorgeschlagen, bei dem man das Maleinsäureanhydrid vom Lösungsmittel abtrennt, dem Lösungsmittelstrom einen Teilstrom entnimmt, diesen destilliert und in den Lösungsmittelkreislauf zurück führt, wobei man eine Leichtsiederfraktion und eine Hochsiederfraktion von der im Wesentlichen aus gereinigtem Lösungsmittel bestehenden Fraktion abtrennt und die im Wesentlichen aus gereinigtem Lösungsmittel bestehende Fraktion dem Lösungsmittelstrom wieder zuführt.



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