

Title (en)

SOLVENT SCAVENGER FOR A DESOLVENTIZER TOASTER USING A VAPOR RECOVERY SYSTEM

Title (de)

LÖSUNGSMITTELABSAUGER FÜR EINEN DESOLVENTIZER-TOASTER MIT EINEM DAMPFRÜCKGEWINNUNGSSYSTEM

Title (fr)

ÉVACUATEUR DE SOLVANT AVEC SYSTÈME D'EXTRACTION DE LA VAPEUR POUR DÉSOLVANTISEUR-TOASTEUR

Publication

EP 2702343 B1 20160608 (EN)

Application

EP 12777205 A 20120426

Priority

- US 201161479096 P 20110426
- US 2012035195 W 20120426

Abstract (en)

[origin: WO2012149147A1] An improved desolventizer-toaster (DT) unit is used for removing traces of a hydrocarbon solvent from a mass of vegetable particles of oil. A conventional DT unit has within a housing, a set of solvent removal trays and a main ejector transporting solvent vapor and steam from below the tray set to between a pair of the trays in the set. The improved DT unit has a further scavenger tray between an inlet of the main ejector and the housing floor. A scavenger ejector transports solvent vapor from between the scavenger tray and the housing floor before it exits from the unit, to the space between the tray set and the scavenger tray.

IPC 8 full level

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CPC (source: EP)

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