

Title (en)

POINT-OF-USE PROCESS CONTROL BLENDER SYSTEMS AND CORRESPONDING METHODS

Title (de)

MISCHSYSTEME ZUR PROZESSSTEUERUNG AM EINSATZORT UND ENTSPRECHENDE VERFAHREN

Title (fr)

SYSTEMES MELANGEURS DE COMMANDE DE PROCESSUS AU POINT D'UTILISATION ET PROCEDES CORRESPONDANTS

Publication

EP 1934663 A1 20080625 (EN)

Application

EP 06808874 A 20060921

Priority

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- US 72059705 P 20050926

Abstract (en)

[origin: WO2007034304A1] A blender system is provided that maintains a chemical solution bath at desired concentrations. The blender system includes a blender unit (100) configured to receive and blend at least two chemical compounds (e.g., ammonia and hydrogen peroxide) and deliver a solution including a mixture of compounds at selected concentrations to a tank (2) that retains a selected volume of a chemical solution bath. The blender system further includes a controller (110) configured to maintain at least one compound within a selected concentration range in the chemical solution bath. The controller controls at least one of operation of the blender unit to maintain the concentration of the compound within a selected concentration range within the solution delivered to the tank, and a change in flow rate of solution into and out of the tank when a concentration of the compound within the chemical solution bath falls outside of a target range.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2007034304A1

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