Title (en)

APPARATUS, SYSTEM AND METHOD FOR EMULSIFYING OIL AND WATER

Title (de)

VORRICHTUNG, SYSTEM UND VERFAHREN ZUR EMULGIERUNG VON ÖL UND WASSER

Title (fr)

APPAREIL, SYSTEME ET PROCEDE POUR EMULSIFIER DE L'HUILE ET DE L'EAU

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011015715A1] The invention relates to a device, system and method for emulsifying oil and water, so as to emulsify a gluing agent to be used in the treatment of paper or cardboard, involving feeding a continuous phase under pressure through a nozzle (66) providing a continuous phase of a Venturi device (50) and into a mixing section. A dispersed phase is optionally fed under pressure into the mixing section (80) of the Venturi device. The emulsion formed in the mixing section is channeled through a nozzle (60) for mixed phase and out of the Venturi device. The diameter of the nozzle (60) for a mixed phase of the Venturi device is greater than the diameter of the nozzle (66) for a continuous phase by a ratio greater than 1:1 and less than 4:1.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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