

Title (en)

SYSTEM OF CHEMICALS AND METHOD FOR DEINKING OF WASTE PAPER

Title (de)

CHEMIKALIEN UND VERFAHREN ZUM DEINKEN VON ALTPAPIER

Title (fr)

PRODUITS CHIMIQUES ET PROCEDE DE DESENCRAGE DU PAPIER DE RECUPERATION

Publication

EP 0885326 A1 19981223 (EN)

Application

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Priority

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Abstract (en)

[origin: WO9732076A1] Chemical system that makes it possible in a cost effective and environmentally friendly way to deink waste paper at a lower pH than required in present methods, but with retained efficiency and quality. This has been obtained by a chemical system comprising the following components: a) a surface-active ester to release the printing-ink from the pulp fibers, b) a polyester based collector for aggregation and flotation of released printing-ink particles. The system may also contain an inhibitor for hydrogen peroxide decomposing enzymes, such as peroxidase and catalase.

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IPC 8 full level

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