

Title (en)

PROCESS FOR THE ALCALINE OXIDATIVE DEGRADATION OF REDUCER SUGARS AND PRODUCTS THUS OBTAINED

Title (de)

VERFAHREN ZUM ALKALISCHEN OXIDATIVEN ABBAU VON REDUZIEREND WIRKENDEN ZÜCKERN UND SO HERGESTELLTE PRODUKTE

Title (fr)

PROCEDE DE DEGRADATION OXYDATIVE ALCALINE DES SUCRES REDUCTEURS ET PRODUITS AINSI OBTENUS

Publication

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Application

EP 95941763 A 19951205

Priority

FR 9501598 W 19951205

Abstract (en)

[origin: WO9720860A1] The invention relates to a process for the alkaline oxidative degradation of an ose, an ulose, polymers or mixtures thereof in aqueous solution and in the presence of a redox couple comprised of a mixture of monosulfonic anthraquinone-2-acid and of hydrogen peroxide, characterized in that the oxidant gas is air and said air is stirred up and introduced into the reaction medium in agitation flow rate conditions and such that the dissolved oxygen saturation of the reaction medium gives a pink coloration of said reaction medium.

IPC 1-7

C08B 31/18; **C07C 51/31**; **C07C 59/105**; **C07H 15/04**

IPC 8 full level

C07C 51/31 (2006.01); **C07C 59/105** (2006.01); **C07H 1/00** (2006.01); **C07H 3/00** (2006.01); **C07H 7/027** (2006.01); **C07H 15/04** (2006.01); **C08B 31/18** (2006.01)

IPC 8 main group level

C08B (2006.01)

CPC (source: EP US)

C07C 51/313 (2013.01 - EP US); **C07H 15/04** (2013.01 - EP US); **C08B 31/18** (2013.01 - EP US)

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