

Title (en)

Method of obtaining lignin from alkaline lignin solutions.

Title (de)

Verfahren zur Gewinnung von Lignin aus alkalischen Lignin-Lösungen.

Title (fr)

Procédé pour l'obtention de lignine à partir de solutions de lignine alcalines.

Publication

EP 0140226 A2 19850508 (DE)

Application

EP 84112077 A 19841009

Priority

DE 3339449 A 19831031

Abstract (en)

[origin: ES8506820A1] Procedure and device for obtaining lignin from alkaline solutions of lignin.compreended: a) add anodically the solutions of lignin continuously, through an electrolysis; and b) catalytically regenerate the alcali in the process. The alkaline solution of lignine is an extract or a residual bleach of a process of cellulose and the alcali is naoh. Consists of: a recipient (2) in the form of paralelepipedo; a membrane (3) whose same or matches with the taman/or surface (6) side of the container (2) and divides the interior (2) in an anodic compartment (7) and a cathodic compartment (8); an anode (4) and a catode (5) with its current connections (10, 11) and inlet ducts (12, 16) to (2) and outlet ducts (13, 17) of (2). (Machine-translation by Google Translate, not legally binding)

Abstract (de)

Für die Gewinnung von Lignin durch Ausfällung aus alkalischen Lignin-Lösungen mittels Neutralisation und zur Rückgewinnung des Alkali wird eine elektrolytische Ansäuerung der Lignin-Lösungen bei gleichzeitiger Regenerierung des verwendeten Alkali vorgeschlagen. Das Verfahren ist besonders günstig für die Herstellung von reinem Lignin (z. B. aus dem Organosolvaufschluß) einsetzbar.

IPC 1-7

C07G 1/00; **C25B 3/00**

IPC 8 full level

C07G 1/00 (2006.01); **C25B 3/00** (2006.01); **D21C 11/00** (2006.01); **C05F 7/02** (2006.01)

CPC (source: EP US)

D21C 11/0042 (2013.01 - EP US)

Cited by

EP3722501A1; DE102017115391A1; WO2020207766A1; WO2015086772A1; WO2012054947A3; WO9322490A1; WO2016062676A1

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