

Title (en)  
Solubilisation and hydrolysis of carbohydrates.

Title (de)  
Auflösen und Hydrolysieren von Kohlehydraten.

Title (fr)  
Dissolution et hydrolyse des hydrates de carbone.

Publication  
**EP 0091221 A2 19831012 (EN)**

Application  
**EP 83301472 A 19830316**

Priority  
GB 8210005 A 19820405

Abstract (en)  
A process for the modification, solubilisation and/or hydrolysis of a glycosidically linked carbohydrate using a mixture comprising water, an inorganic acid and a hydrated halide of aluminium. The process is particularly useful for converting cellulose (derived for example from waste paper, wood or sawdust) or starch to glucose. The preferred inorganic acid is hydrochloric acid and the hydrated halide is preferably aluminium chloride hexahydrate.

IPC 1-7  
**C13K 1/02**; **C13K 1/06**

IPC 8 full level  
**C13K 1/02** (2006.01); **C13K 1/06** (2006.01)

CPC (source: EP)  
**C13K 1/02** (2013.01); **C13K 1/06** (2013.01)

Cited by  
FR2963008A1; EP0187422A3; FR2985736A1; FR2985737A1; US4637835A; FR2979913A1; WO2010106052A1; WO2011035978A1; WO2012010750A3; WO2013107947A1; WO2013107948A1; WO2013034818A1; WO2010106053A2; US8440845B2; WO2010106055A1; WO2010106057A1; EP2100972A1; US6660506B2; US8445704B2; WO2006084343A3; WO0212529A1; WO0218610A1

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