

Title (en)  
WATER-DISINTEGRABLE SHEET

Title (de)  
WASSERLÖSLICHE FOLIE

Title (fr)  
FEUILLE POUVANT SE DÉSINTÉGRER DANS L'EAU

Publication  
**EP 3305983 A4 20180425 (EN)**

Application  
**EP 16802897 A 20160330**

Priority  
• JP 2015110837 A 20150529  
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Abstract (en)  
[origin: EP3305983A1] A hydrolysable sheet obtained by impregnating a base paper sheet, to which a water-soluble binder is added, with a chemical solution, wherein the base paper sheet is obtained by applying a ply process to a plurality of sheets of base paper and has a basis weight of from 30 gsm to 150 gsm, wherein a compounding ratio of softwood pulp to hardwood pulp is less than 1/1, wherein the chemical solution contains a cross-linking agent, which causes the water-soluble binder to initiate a cross-linking reaction, and a trihydric or higher alcohol, and wherein, with respect to a weight of the base paper sheet, the base paper sheet is impregnated with the trihydric or higher alcohol at 1% to 20% by weight.

IPC 8 full level  
**D21H 19/34** (2006.01); **A47K 10/00** (2006.01); **A47L 13/17** (2006.01); **D21H 27/30** (2006.01)

CPC (source: EP KR US)  
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Citation (search report)  
• [XY] JP 2011030793 A 20110217 - DAIO SEISHI KK  
• [XY] EP 1630288 A1 20060301 - KAO CORP [JP]  
• [Y] EP 1795638 A1 20070613 - KAO CORP [JP]  
• [A] WO 2007112916 A1 20071011 - SCA HYGIENE PROD GMBH [DE], et al  
• See references of WO 2016194460A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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