

Title (en)

Process for forming paper-based products having cement-based coatings.

Title (de)

Verfahren zur Herstellung von Papierprodukten mit Zement enthaltenden Beschichtungen.

Title (fr)

Procédé pour fabriquer des produits à base de papier ayant des revêtements à base de ciment.

Publication

EP 0532445 A1 19930317 (EN)

Application

EP 92610001 A 19920107

Priority

US 74803191 A 19910821

Abstract (en)

A process for forming a moulded paper product which is degradable in a moisture active landfill is disclosed. The process involves providing a paper pulped paper feedstock, moulding the feedstock to produce a shaped product, drying the shaped product, applying a coating composition on to at least one surface of the shaped product, curing the coating composition and, optionally, hot pressing the resulting product to form a moulded paper product. When the moulded paper product is coated utilizing a particularly preferred coating composition described herein, which is comprised of a cement, at least one of a clay and a sulphate, an aqueous emulsion polymer, and preferably, at least one of an organic acid and a wax, it is readily degradable in a moisture active landfill. <IMAGE>

IPC 1-7

D21H 19/64; **D21J 1/08**

IPC 8 full level

D21H 17/00 (2006.01); **D21H 19/64** (2006.01)

CPC (source: EP)

D21H 17/00 (2013.01); **D21H 19/64** (2013.01)

Citation (search report)

[A] US 2236900 A 19410401 - GREIDER HAROLD W, et al

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WO2005028752A1; US7628889B2; US7396438B2; US8202398B2; WO03000556A3; WO2021073672A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0532445 A1 19930317; CA 2057474 A1 19930222

DOCDB simple family (application)

EP 92610001 A 19920107; CA 2057474 A 19911210