

Title (en)
BARRIER PAPER PACKAGING AND PROCESS FOR ITS PRODUCTION

Title (de)
BARRIERENPAPIERVERPACKUNG UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
EMBALLAGE À PAPIER PROTECTEUR ET SON PROCÉDÉ DE FABRICATION

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Application
EP 13851027 A 20131105

Priority

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Abstract (en)
[origin: WO2014071377A1] The present invention is directed towards a paper-based composite packaging structure comprising a paper layer and a filler layer which may be laminated or otherwise adhered to the paper layer. In certain embodiments, the filler layer comprises a polymer or bio-based polymer. An optional barrier layer may be deposited on to one side of the paper layer or filler layer as desired to provide functional barrier characteristics. The composite paper-based film structure(s) may comprise additional layers such as one or more optional primer layers, adhesive layers, ink layers, and/or sealant layers that can be incorporated into the composite film structure as desired to enable the required functional characteristics of the composite film structure described herein. The paper-based composite packaging structure is substantially compostable and/or recyclable as both the paper and the bio-based polymer filler layers will break down under composting conditions and/or meet standardized recyclability requirements.

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Citation (search report)

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- [XPI] US 2013101855 A1 20130425 - CHAM PAK MENG [US], et al
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Designated contracting state (EPC)
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WO 2014071377 A1 20140508; AU 2013337296 A1 20150514; AU 2013337296 B2 20170302; CA 2890403 A1 20140508; CN 104768761 A 20150708; EP 2917037 A1 20150916; EP 2917037 A4 20161130; MX 2015005595 A 20160602; RU 2015121069 A 20161227; RU 2646404 C2 20180305

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