

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

Publication
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Application
EP 13851027 A 20131105

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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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