



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

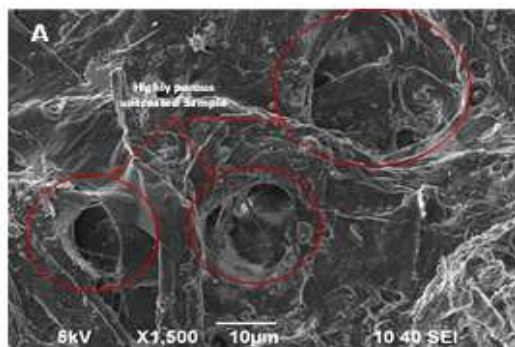
Packaging material with barrier properties to the migration of mineral oils and process for their preparation

INVENTORS

Athanasia Athanasiou, Paul C. Uttam, Elisa Mele, Despina Fragouli, Ilker S. Bayer, Roberto Cingolani

DESCRIPTION

Packaging material comprising cellulosic fibers, particularly recycling material, having barrier properties against the migration of mineral oils and / or their volatile components possibly included in the material, characterized in that it comprises at least a first surface coating, in contact with said acrylic polymer fibers and at least a second coating, applied to said first coating, of cyclic olefin copolymer.



APPLICATIONS

Food packaging, coatings, papers and textile industry

KEYWORDS

Mineral oil barrier, Gas barrier, Cellulose paper, recycled paperboard

BIBLIOGRAPHIC DATA

Materiale di confezionamento con proprietà barriera alla migrazione di oli minerali e procedimento per la loro preparazione

Application Number IT TO2013A001036

Priority Date December 18, 2013

Applicants Fondazione Istituto Italiano di Tecnologia

CONTACTS

Technology Transfer Office

+39 010 71781 568
augusta.galano@iit.it

+39 010 71781 568
augusta.galano@iit.it