

Title (en)

Two-ply paper sack

Title (de)

Zweischichten-Papiersack

Title (fr)

Sac en papier à double pli

Publication

EP 2100821 A1 20090916 (EN)

Application

EP 08152531 A 20080310

Priority

EP 08152531 A 20080310

Abstract (en)

The invention relates to the field of sacks, and especially to deaeration thereof. A sack (1), wherein at least part of a sack wall of the sack comprises an inner ply (2), an outer ply (3) and an air permeable moisture barrier film (4) arranged between the inner ply (2) and the outer ply (3) is provided. A parameter of the outer ply (3) relates to the parameter of the inner ply (2) so as to form an interply space between the inner and outer ply if an overpressure is present inside the sack. The sack (1) is adapted to form at least one film-ply deaeration space between the moisture barrier film (4) and the outer ply (3) within the at least part of the sack wall if the overpressure is present. Also provided are a sack wall material, a method for deaeration of a sack (1) and a method for manufacturing a sack.

IPC 8 full level

B65D 33/01 (2006.01)

CPC (source: EP)

B65D 31/04 (2013.01); **B65D 33/01** (2013.01)

Citation (applicant)

- US 5988881 A 19991123 - SUTHERLAND ROBERT [GB]
- EP 0498047 B1 19950215 - BISCHOF & KLEIN [DE]
- WO 9746460 A1 19971211 - UPM KYMMENE OY [FI]

Citation (search report)

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- [AD] WO 2006092335 A1 20060908 - DY PACK VERPACKUNGEN GUSTAV DY [DE], et al
- [AD] US 5988881 A 19991123 - SUTHERLAND ROBERT [GB]
- [AD] EP 0498047 A1 19920812 - BISCHOF & KLEIN [DE]

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CN105228913A; US10071834B2; WO2014177248A1

Designated contracting state (EPC)

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