

Title (en)

COMBINED MULTI-LAYERED WATER SOLUBLE FILM AND PROCESS FOR PRODUCING THE SAME

Title (de)

KOMBINIERTE MEHRSCICHTIGE WASSERLÖSLICHE FOLIE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

FILM HYDROSOLUBLE MULTICOUCHE COMBINE ET PROCEDE DE PRODUCTION DE CELUI-CI

Publication

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Application

EP 06809897 A 20060324

Priority

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Abstract (en)

[origin: WO2007010553A2] This invention relates to a combined water soluble film wherein at least one layer is a solution cast water soluble film on a liner and at least one layer is a preformed water soluble film, preferably a thermally extruded water soluble film. The said water soluble films may be edible or non edible. The said water-soluble film on a liner is coated with a tie-coat to enable coating of a water-based binder used for combining the water soluble films without dissolving/damaging WSF on liner. The water based binder used for combining the said water soluble films may be incorporated with active ingredients like flavours, perfumes, detergents, enzymes, softeners, active agents for cleaning laundry, dishes, floorings, walls, furniture; various agrochemicals like pesticides, insecticides, weedicides, fungicides, bio-pesticides; agro nutrients like urea, fertilizers; dyes, pigments, fluff, pulp, super absorbents and active pharma ingredients like vitamins, drugs, medicine. The said combined water soluble film so achieved will be a substantially pinhole free multi-layered water soluble film of desired mechanical strength at low cost. The invention farther relates to the methods/processes used for producing a cast-extruded or cast-cast combined WSF.

IPC 8 full level

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Citation (search report)

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