

Title (en)

PACKAGING, IN PARTICULAR MICROWAVE PACKAGING BAG, HAVING A PRESSURE EQUALIZATION VALVE WITH A VARIABLE FLOW CROSS-SECTION

Title (de)

VERPACKUNG, INSBESONDERE MIKROWELLEN-VERPACKUNGSBEUTEL, MIT DRUCKAUSGLEICHSVENTIL MIT VARIABLEN STRÖMUNGSQUERSCHNITT

Title (fr)

EMBALLAGE, EN PARTICULIER SACHET D'EMBALLAGE POUR MICRO-ONDES, AVEC SOUPAPE D'ÉQUILIBRAGE DE LA PRESSION À SECTION D'ÉCOULEMENT VARIABLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010122116A1] The present invention relates to packaging (410), in particular a packaging bag, preferably a food packaging bag, especially preferably for heating packaged goods by means of microwave radiation, wherein - considering an initial state of the packaging (410) - in a valve section (434) of the packaging wall (430), which valve section separates an interior space (432) enclosed by the packaging (410) from an exterior area of the same, a valve weakening (438) of the packaging wall (430) is provided and is designed to permit the passage of gas between the interior space (432) and the exterior area at or above a predetermined relative change of a gas pressure in the interior space (432) relative to a gas pressure in the exterior area, wherein the valve section (434) comprises a connecting area (440) in which the valve section (434) is connected to a securing section of the packaging wall (430) by means of a connection that can be released by means of a relative change of the gas pressure in the interior space (432) in such a way that the securing section at least impedes the passage of gas through the valve weakening (438). The releasable connection is designed in such a way that a connecting surface (442) of the connecting area (440), by means of which connecting surface the valve section (434) and the securing section are initially releasably connected to each other, is gradually reduced under the effect of the changed gas pressure in the interior space (432) to release the connection and the connecting area (440) is arranged relative to the valve weakening (438) in such a way that an active surface of the valve weakening (438) provided for the passage of gas becomes larger as the connecting surface (442) becomes smaller.

IPC 8 full level

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Citation (search report)

See references of WO 2010122116A1

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