

Title (en)

POLYHEDRON WATER-SOLUBLE PACKAGE WITH LAYERED LIQUID LAUNDRY DETERGENT

Title (de)

WASSERLÖSLICHER FOLIENBEUTEL IN FORM EINES POLYEDERS MIT SCHICHTFÖRMIG EINGEPACKTEM FLÜSSIGEN WASCHMITTEL

Title (fr)

SAC POLYEDRE HYDROSOLUBLE CONTENANT UN DETERGENT LESSIVIEL LIQUIDE EN COUCHES

Publication

EP 1453944 B1 20060208 (EN)

Application

EP 02804868 A 20021129

Priority

- EP 0213564 W 20021129
- US 1702501 A 20011214

Abstract (en)

[origin: WO03052042A2] A layered liquid detergent composition in a water-soluble single use package, wherein the package is in the shape of a polyhedron, preferably a tetrahedron. The composition comprises at least two layers, hydrophilic and hydrophobic, with the hydrophobic layer preferably on top. The hydrophobic layer preferably comprises a sensitive benefit ingredient (e.g., enzyme), which is contained predominantly in the hydrophobic layer. By virtue of the shape of the package, the interface between the top layer and the next lower layer is minimized, which in turn leads to a reduced interaction between the two layers, resulting in the increased stability of the ingredient in the top layer.

IPC 8 full level

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