

ABSTRACT**PROCESS FOR RECYCLING BY SEPARATING THE CONSTITUENTS OF
ALUMINIZED AND PLASTIFIED PACKAGING, CARTONED OR NOT, AND
CORRESPONDING EQUIPMENT**

The present patent refers to a process for the recycling and recovery of waste, particularly that of plastified and aluminized packaging, cartoned or not, by means of a method and equipment for extracting and separating the main components present in them for the recovery of waste, avoiding environmental pollution, recycling of waste constituents, and recovery of constituents: Plastic, aluminum and paper in their original form, with the steps A, B, C, D, E, F, G, H, I, J, L, M, O, P, Q e R, bringing advantages of obtaining reusable grade polymer; obtaining isolated aluminum; to make use of a low cost and low energy consuming solvent; to allow the pulp cellulose to be recycled in the production of paperboard for boxes, to be incorporated as part of a mechanical pulp load or even to be incorporated to the bleaching process; to have lower processing and investment costs and to have a lower cost/benefit ratio.

(Figure 1)