

ABSTRACT

The present invention is a process and respective equipment for recycling post-consumer waste, especially when comprising or essentially consisting of used hygiene products, such as baby diapers, adult incontinence products and the like. In particular, the present invention aims at recycling of components thereof, especially plastic materials, like polyethylene, polypropylene, natural fibrous materials, such as cellulose or pulp fibers, and superabsorbent polymers, such as cross-linked polyacrylates.

Fig. 2A