

Title (en)
METHOD OF WASHING FABRIC ARTICLES IN A CONTINUOUS BATCH TUNNEL WASHER

Title (de)
VERFAHREN ZUM WASCHEN VON GEWEBE IN TUNNELWASCHANLAGE

Title (fr)
PROCÉDÉ DE LAVAGE DE TISSUS EN TUNNEL DE LAVAGE

Publication
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Application
EP 09731788 A 20090416

Priority

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- US 40049709 A 20090309
- US 4612008 P 20080418

Abstract (en)
[origin: WO2009129362A2] A method of washing fabric articles in a tunnel washer includes moving the fabric articles from the intake of the washer to the discharge of the washer through first and second sectors that are a pre-wash zone. In the pre-wash zone, liquid is counter flowed in the wash interior along a flow path that is generally opposite the direction of travel of the fabric articles. The fabric articles are transferred to a main wash zone, and a washing chemical is added to the main wash zone. At about the same time, counter flow is reduced or stopped. The main wash zone can be heated as an option. After a period of time (for example, between about 20 and 120 seconds) counter flow is resumed or increased. The increased counter flow after chemical treatment amounts to either an intermediate rinse or a pre-rinse depending upon which module or zone the goods occupy. In the wash zone, this is considered an intermediate rinse. After the wash zone(s), the increased counter flow after chemical treatment amounts to a pre-rinse. This pre-rinse ensures that the fabric articles are substantially free of soil or the majority of any soil and substantially free of chemicals when they are transferred to an extractor for final removal of excess water. A final rinse (second rinse) is conducted during extraction of excess water.

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