

## Title (en)

Method of washing, rinsing and subsequent extraction of water from linen, and water extraction device.

## Title (de)

Verfahren zum Waschen, Spülen und anschliessenden Entwässern von Wäsche sowie Entwässerungsvorrichtung.

## Title (fr)

Procédé pour le lavage, le rinçage et l'expulsion subséquente de l'eau du linge et dispositif pour l'expulsion de l'eau.

## Publication

**EP 0026896 A1 19810415 (DE)**

## Application

**EP 80105879 A 19800927**

## Priority

DE 2940217 A 19791004

## Abstract (en)

[origin: ES8106186A1] In a laundering process which includes providing steam at high pressure, directly blowing the steam into fresh water in order to heat the water, and washing and rinsing laundry using the heated fresh water, the step of directly blowing is carried out by delivering at least part of the steam into the fresh water by directing that steam through the laundry which has been rinsed while subjecting the steam to a pressure reduction in a manner to cause the steam to extract rinse water from the laundry which has been rinsed, and conducting the steam and the extracted rinse water into the fresh water in order to heat the fresh water with accompanying condensation of the steam. Apparatus for extracting rinse water in the manner described above from laundry in a laundry plant in which laundry is washed and rinsed with water which has been heated by blowing steam into the water, the apparatus including: a pressure vessel having an open top and a bottom wall provided with perforations for the passage of water a container for holding water which will subsequently be used for washing and rinsing laundry outside of the vessel and arranged to receive water passing via the perforations in the vessel bottom wall a removable cover for closing the top of the vessel in a sealed manner and conduits connected for introducing steam into the vessel to enable the steam to pass through the bottom wall perforations and into the water holding container.

## Abstract (de)

In gewerblichen Wäschereien wird das zum Waschen und Spülen verwendete Frischwasser durch direktes Einblasen von unter Überdruck stehendem Dampf aufgeheizt. Erfindungsgemäß wird ein Teil dieses Dampfes zum Entwässern der gewaschenen und gespülten Wäsche verwendet, indem er durch die gespülte Wäsche hindurch in einen Bereich niedrigeren, insbesondere atmosphärischen Druckes geführt wird. Dieser Teil des Dampfes wird dann mit dem mitgerissenen Spülwasser in dem für das Waschen und Spülen benötigten Frischwasser kondensiert, wodurch das mitgerissene Spülwasser wieder als Frischwasser zur Verfügung steht und das Frischwasser eine Aufheizung erfährt.

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## Citation (search report)

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- [A] DE 2356285 A1 19740522 - MEYER ARNFRIED
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- [A] FR 1003692 A 19520320
- [A] CH 272894 A 19510115 - PLURIA AB [SE]
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- [A] US 4128947 A 19781212 - JACKSON HARRY C
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