

Title (en)

Apparatus for continuous washing of soiled, fat-containing wool

Title (de)

Vorrichtung zum kontinuierlichen Waschen von schmutziger, fetthaltiger Wolle

Title (fr)

Appareil pour le lavage en continu de la laine brute contenant du suint

Publication

**EP 0603662 B1 19960424 (DE)**

Application

**EP 93119849 A 19931209**

Priority

DE 4243166 A 19921219

Abstract (en)

[origin: EP0603662A1] Raw wool contains very many dirty substances and additionally has to be cleaned of the animal fat. The wool should not become matted during washing. There are known machines in which the flow passes through the wool fleece in stages on screening drums and the wool fleece subsequently floats freely. The dirt is then precipitated in the floating zones. To collect the dirty substances, a funnel-shaped discharge space is provided underneath a perforated bottom which delimits the treatment space. The dirty substances often accumulate on the bottom, which is necessary in order to prevent fibre loss, and clog the perforation holes. In order to avoid stopping the machine so as to clean it, care is taken to ensure that, between the perforated bottom (8) and the screening drums (3-5) and also in the region of the floating zones (9), a parallel flow (20, 21) of the liquid occurs over the entire length of the bath (1), in that the liquid circulated in the bath is supplied only at the inlet (18) of the bath and, by lowering the outflow edge (22) at the end of the bath and placing the press (24-27) at a lower level, a larger quantity of liquid flows out in the direction of transport of the fleece (10). <IMAGE>

IPC 1-7

**D01B 3/08**; **D06B 5/04**

IPC 8 full level

**D01B 3/08** (2006.01); **D06B 5/04** (2006.01)

CPC (source: EP)

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