

Title (en)

Method and device for continuously washing a textile fabric

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Waschen einer textilen Bahn

Title (fr)

Procédé et dispositif pour le lavage continu d'une étoffe textile

Publication

**EP 1046738 A1 20001025 (DE)**

Application

**EP 99810302 A 19990412**

Priority

EP 99810302 A 19990412

Abstract (en)

Continuous textile fabrics (1) are scoured by passing them upwards through a vertical shaft (6) without contacting the sides the top (7) the shaft is fed across the full width with wash liquor (10) by an overflow system. The liquid (10) is retained at a level at the bottom (8) where it is drawn off so that the shaft remains completely filled. An Independent claim is also included for equipment for carrying out this process, with an overflow liquid feed at the top shaft and a vessel that is kept filled at the bottom. Several shafts can be used in series, with an appropriate change in level provide flow by gravity. The gap between the sides of the shaft (6) is adjustable below 15 mm, e.g. optimal results were obtained with 6 mm. The equipment can form the pre-wash stages of conventional plant.

Abstract (de)

Die textile Bahn (1) wird durch wenigstens einen etwa vertikalen Schacht (2, 6) geführt. Am oberen Ende des Schachtes ist ein Überlaufsystem (5, 9), angeordnet aus dem Waschflotte in den Schacht fließt. Da die Bahn von unten nach oben im Gegenstromprinzip durch den Schacht geführt wird, bildet sich eine turbulente Strömung innerhalb des Schachtes. <IMAGE>

IPC 1-7

**D06B 3/20**

IPC 8 full level

**D06B 3/20** (2006.01)

CPC (source: EP)

**D06B 3/20** (2013.01)

Citation (applicant)

- EP 0043083 A1 19820106 - KRESS SOEHNE E F [DE]
- EP 0433228 A1 19910619 - BENNINGER AG MASCHF [CH]

Citation (search report)

- [A] GB 987044 A 19650324 - REGGIANI SPA
- [A] DE 1460174 A1 19681212 - CILANDER AG
- [DA] EP 0433228 A1 19910619 - BENNINGER AG MASCHF [CH]
- [A] CH 486274 A 19700228 - BRITISH COTTON & WOOL DYERS AS [GB]

Cited by

CN114016227A; DE102007031657A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

**EP 1046738 A1 20001025; EP 1046738 B1 20030205**; AT E232248 T1 20030215; DE 59904222 D1 20030313; ES 2192370 T3 20031001; PT 1046738 E 20030630

DOCDB simple family (application)

**EP 99810302 A 19990412**; AT 99810302 T 19990412; DE 59904222 T 19990412; ES 99810302 T 19990412; PT 99810302 T 19990412