

Title (en)

Device for hydroentangling textile web

Title (de)

Vorrichtung zur Wasserstrahlbehandlung einer Warenbahn

Title (fr)

Dispositif pour l'hydroliage d'une bande de tissu

Publication

**EP 1767680 B1 20080604 (DE)**

Application

**EP 06018904 A 20060909**

Priority

DE 102005045224 A 20050922

Abstract (en)

[origin: DE102005045224B3] Device for reinforcing and/or structuring a web of nonwoven or knitted material by water jet treatment, where the material comprises synthetic staple fibers, natural fibers and/or endless fibers, comprises a perforated drum (1), a coarse lower screen (2) and a finer upper screen (3) in the form of a shrink-fitted tube.

IPC 8 full level

**D04H 1/492** (2012.01); **D06B 23/02** (2006.01)

CPC (source: EP US)

**D04H 1/492** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **D06C 29/00** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102005045224 B3 20061207**; CN 1936147 A 20070328; DE 502006000873 D1 20080717; EP 1767680 A1 20070328; EP 1767680 B1 20080604; JP 2007084993 A 20070405; JP 4860411 B2 20120125; PL 1767680 T3 20081031; US 2007084030 A1 20070419; US 7334303 B2 20080226

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**DE 102005045224 A 20050922**; CN 200610127289 A 20060921; DE 502006000873 T 20060909; EP 06018904 A 20060909; JP 2006253978 A 20060920; PL 06018904 T 20060909; US 52522806 A 20060921