

Title (en)

Suction chamber for a water beam for jet impact on textiles

Title (de)

Absaugkammer für einen Wasserbalken zur Strahlbeaufschlagung von Geweben

Title (fr)

Chambre d'aspiration pour une rampe d'eau destinée à traiter des tissus par aiguilletage hydraulique

Publication

**EP 1873290 B1 20130710 (DE)**

Application

**EP 07010426 A 20070525**

Priority

DE 102006030804 A 20060630

Abstract (en)

[origin: EP1873290A2] A suction chamber (5a) for a water beam (1a), having a perforated suction surface (3a, 3b) for removal of sprayed water at the lower side (5b) of the chamber, includes an air supply device (11a), which is associated with the beam and/or the chamber, has outlet opening(s) (11c) in the beam region, feeds air to the water jet (10) and has a blower to generate excess pressure.

IPC 8 full level

**D04H 18/04** (2012.01); **D04H 3/10** (2012.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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**EP 07010426 A 20070525**; CN 200710126970 A 20070702; ES 07010426 T 20070525; JP 2007168333 A 20070627; PL 07010426 T 20070525; US 82477707 A 20070702