

Title (en)

SYNTHETIC CLOTH, METHOD AND SYSTEM FOR THE PRODUCTION OF SAID CLOTH

Title (de)

VOLLSYNTHETISCHES WISCHTUCH, VERFAHREN UND ANLAGE ZUR HERSTELLUNG DES WISCHTUCHES

Title (fr)

TORCHON ENTIEREMENT SYNTHETIQUE, PROCEDE ET DISPOSITIF DE REALISATION DU TORCHON

Publication

**EP 1649094 B1 20070912 (DE)**

Application

**EP 04766205 A 20040713**

Priority

- EP 2004051474 W 20040713
- DE 10332415 A 20030716
- DE 10345086 A 20030725

Abstract (en)

[origin: WO2005007959A1] Prior art cloths used for wet and moist cleaning are made of non-woven, shrinking polyvinyl alcohol fibres vortexed by a jet of water, said fibres being secured by a polyvinyl alcohol binding agent. The inventive cloth is made of pure polyvinyl alcohol fibres which do not shrink when used in normal conditions, said fibres being vortexed together in order to increase resistance and being additionally soaked with a binding agent containing a polyhydroxyl group. Softeners are chemically joined thereto and can no longer be separated after foaming and subsequent polycondensation.

IPC 8 full level

**D04H 1/48** (2012.01); **A47L 13/16** (2006.01); **D04H 1/42** (2012.01); **D04H 1/4309** (2012.01); **D04H 1/46** (2012.01); **D04H 1/488** (2012.01); **D04H 1/58** (2012.01); **D04H 1/587** (2012.01); **D04H 1/645** (2012.01); **D04H 1/68** (2012.01)

CPC (source: EP)

**A47L 13/16** (2013.01); **D04H 1/4309** (2013.01); **D04H 1/46** (2013.01); **D04H 1/587** (2013.01); **D04H 1/645** (2013.01); **D04H 1/655** (2013.01); **D04H 1/68** (2013.01); **D10B 2321/06** (2013.01)

Cited by

US11591755B2; US11313061B2; US11788221B2; US11255051B2; US12043963B2

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DOCDB simple family (publication)

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