

Title (en)  
TOWEL PRODUCT

Title (de)  
HANDTUCHPRODUKT

Title (fr)  
PRODUIT DE SERVIETTE

Publication  
**EP 2992796 B1 20180919 (EN)**

Application  
**EP 14804000 A 20140331**

Priority  
• JP 2013112299 A 20130528  
• JP 2014059562 W 20140331

Abstract (en)  
[origin: EP2992796A1] To provide a towel product capable of maintaining features of honeycomb weave of the conventional technique as well as providing improved water absorbency, lightness, and a good touch feeling more than those of the towels produced by the conventional technique. The towel of the present invention basically has a typical honeycomb weave structure. A first feature thereof is to use hollow yarns having a hollow ratio of a range between 30% and 60%. A shape of hollow yarns can be maintained. With the above described structure, the water absorbency, the lightness, the good touch feeling, and a drying property can be improved. A second feature is to use hollow yarns made by twisting fibers of raw cottons having an effective fiber length of a range between 25 mm and 42 mm. This contributes to maintaining of the durability.

IPC 8 full level  
**A47K 10/02** (2006.01); **D02G 3/40** (2006.01); **D03D 13/00** (2006.01); **D03D 15/567** (2021.01); **D03D 15/68** (2021.01); **D03D 25/00** (2006.01)

CPC (source: EP US)  
**A47K 10/02** (2013.01 - EP US); **D02G 3/02** (2013.01 - EP US); **D03D 1/0017** (2013.01 - US); **D03D 13/004** (2013.01 - EP US); **D03D 15/217** (2021.01 - EP US); **D03D 15/44** (2021.01 - EP US); **D03D 15/567** (2021.01 - US); **D03D 15/573** (2021.01 - EP US); **D03D 15/68** (2021.01 - EP US); **D10B 2201/02** (2013.01 - EP US); **D10B 2403/033** (2013.01 - EP US)

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