

Title (en)

CENTRIFUGAL DYEING APPARATUS FOR TREATING WOUND FABRICS, IN PARTICULAR TEXTILE WEBS WITH LIQUIDS

Title (de)

ZENTRIFUGALFÄRBEAPPARAT ZUR BEHANDLUNG VON GEWICKELTEN FLÄCHENGEBILDEN, INSBESONDERE VON TEXTILBAHNEN MIT FLÜSSIGKEITEN

Title (fr)

APPAREIL DE TEINTURE CENTRIFUGE POUR TRAITER DES STRUCTURES PLANES ENROULÉES, EN PARTICULIER DES BANDES TEXTILES, AVEC DES LIQUIDES

Publication

EP 3080347 A1 20161019 (DE)

Application

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Priority

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Abstract (en)

[origin: WO2015086163A1] The invention relates to a device for treating wound fabrics, in particular textile webs. The treatment comprises the bleaching, dyeing and washing of knitted and woven goods and nonwovens. These fabrics may contain cellulose, animal fibres, synthetic fibres and/or mixtures thereof. The fabrics would onto a perforated dyeing beam are treated with the liquids with the aid of centrifugal force such that a regular treatment is enabled at a consumption of water, chemicals and energy that is as low as possible. Disclosed is a centrifugal dyeing apparatus (100) having a closable container (1), a pump (14) for circulating the treatment liquor, and a driven dyeing beam (2) which is mounted rotatably in the container (1), is designed to receive a lap (4) of textile fabric and has a tube (3) with a perforation (37), characterized in that the provision is made of supporting beams (6), in that the supporting beams (6) radially support the lap (4), and in that the supporting beams (6) are connected to the dyeing beam (2).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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