Title (en)

DRY FORMING PLANT AND METHOD FOR DRY FORMING A FIBROUS TISSUE USING SUCH DRY FORMING PLANT

Title (de)

TROCKENFORMANLAGE UND VERFAHREN ZUR TROCKENFORMUNG EINES FASERGEWEBES MIT EINER SOLCHEN TROCKENFORMANLAGE

Title (fr)

INSTALLATION DE FORMATION À SEC ET PROCÉDÉ DE FORMATION À SEC D'UN TISSU FIBREUX EN UTILISANT UNE TELLE INSTALLATION DE FORMATION À SEC

Publication

EP 3987099 A1 20220427 (EN)

Application

EP 20740528 A 20200618

Priority

- DK PA201970387 A 20190620
- DK 2020050175 W 20200618

Abstract (en)

[origin: WO2020253927A1] A dry forming plant is described which comprises at least one distribution unit having a fibre and air inlet. Such distribution unit is placed above a forming wire opposite to at least one vacuum box which is connected to a suction unit. The distribution unit has an open bottom for release of the fibre material onto the forming wire below the dis- tribution unit. More rotating rollers having protruding spikes are provided in the dis- tribution unit for covering the cross sectional area of the open bottom. The vacuum box is divided into at least three longitudinal zones in a direction trans- versal to the advance direction of the forming wire. Said longitudinal zones have up- wardly orientated intakes arranged below the forming wire. The longitudinal zones are connected with the suction unit via an outlet. The outlet comprises first shut-off means for partly or totally closing the outlet. The first shut-off means are independently op- erable.

IPC 8 full level

D04H 1/72 (2012.01); **D01G 25/00** (2006.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01)

CPC (source: EP US)

D01G 25/00 (2013.01 - EP); **D04H 1/72** (2013.01 - EP); **D04H 1/732** (2013.01 - EP US); **D04H 1/736** (2013.01 - EP US)

Citation (search report)

See references of WO 2020253927A1

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