

Title (en)
PLANT AND METHOD FOR DRYLY PRODUCING A NON-WOVEN FIBRE WEB OF SHORT AND LONG FIBRES, A COTTON FIBRE WEB CONTAINING COTTON LINTERS PULP (CLP)

Title (de)
VORRICHTUNG UND VERFAHREN ZUR TROCKENHERSTELLUNG EINER FASERVLIESBAHN AUS KURZEN UND LANGEN FASERN, BAUMWOLLFASERBAHN AUS BAUMWOLLZELLSTOFF

Title (fr)
INSTALLATION ET PROCEDE DE PRODUCTION A SEC D'UNE BANDE DE FIBRES EN NON-TISSE, A FIBRES LONGUES ET COURTES, ET BANDE EN FIBRES DE COTON RENFERMANT DE LA PATE DE CHARPIE DE COTON

Publication
EP 1299588 B1 20040310 (EN)

Application
EP 01938004 A 20010531

Priority
• DK 0100381 W 20010531
• DK PA200000857 A 20000531

Abstract (en)
[origin: WO0192621A1] A plant comprising two air-lay stations (1; 2) placed one after the other serving for dryly producing a non-woven fibre web. Each station comprises a fibre feed duct (9; 26) for feeding fibres to the station from a fibre source (4; 16), an air-lay forming head (5; 19) connected to the fibre feed duct (9; 26) and at least partly defined by a perforated screen (6; 20), and a suction box (8; 23) for successively sucking fibres in the forming head (5; 19) through the screen (6; 20). A separate fibre source (4; 16) is part of each station (1; 2). The first station (1) furthermore has a fibre collector (8; 29) placed under the screen (6) of its forming head (5) whereas the second station (2) has a forming wire (22) placed under the screen (20) of its forming head (19). The two stations (1; 2) are connected to at least one conveyor (12; 13) for conveying fibres from the fibre collector (8; 29) of the first station (1) to the forming head (19) of the second station (2).

IPC 1-7
D04H 1/72; **D21H 27/00**

IPC 8 full level
D04H 1/425 (2012.01); **D04H 1/4266** (2012.01); **D04H 1/541** (2012.01); **D04H 1/542** (2012.01); **D04H 1/72** (2012.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01)

CPC (source: EP US)
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