

Title (en)
LEATHERS DRYING AND/OR CONDITIONING PLANT

Title (de)
LEDERTROCKNUNGS- UND/ODER -KONDITIONIERUNGSANLAGE

Title (fr)
INSTALLATION DE SÉCHAGE ET/OU DE CONDITIONNEMENT DE CUIRS

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Application
EP 16722373 A 20160330

Priority
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Abstract (en)
[origin: WO2016157088A1] A leathers drying and/or conditioning plant (1) comprising an operating tunnel which mainly develops along a linear direction and is provided with air conditioning devices suitable to operate on the leathers in such a way as to dry and/or condition them according to pre-defined treatment cycles, a plurality of support frames (2; 52; 102), each of which is suitable to receive on at least one of the side faces (2a, 2b) at least one leather in order to keep it in the spread position, actuation means operatively connected with the support frames (2; 52; 102) and suitable to be operated in such a way as to extend the leathers to a nominal tension value set by the operator, moving means (3), operatively connected with the support frames (2; 52; 102) to convey them along the aforesaid linear direction according to a predetermined speed within the operating tunnel, in order to allow drying and/or conditioning of the leathers, and outside the operating tunnel in order to allow discharge of the leathers dried and/or conditioned in a processing cycle and load of the leathers to be dried and/or conditioned in the next processing cycle, detection means, operatively connected with the actuation means and suitable to measure the tension value of the fibres of the leathers during a processing cycle, and adjustment means (4; 54; 104), operatively associated with the actuation means and cooperating with the actuation means according to the difference in tension between the tension value measured by the detection means and the nominal tension value so as to keep the leathers tensioned substantially to the nominal tension value. In particular, the actuation means and the detection means are incorporated in elastically yielding means (5; 55; 105) coupled with each of the support frames (2; 52; 102) together with the adjustment means (4; 54; 104) with which cooperate in such a way as to obtain a spontaneous continuous adjustment of the actual tension value which each of the leathers secured on the support frames (2; 52; 102) is subjected to during a processing cycle of the leathers, keeping the actual tension value of the leathers themselves constantly to the nominal tension value during such a processing cycle.

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