

Title (en)
A METHOD FOR THE ROLLER AIR SUSPENDING CARDING AND A SPECIFIC ANIMAL FINE HAIR COMBINED CARDING MACHINE

Title (de)
PNEUMATISCHES ZYLINDERKARDEN VERFAHREN UND ZUSAMMENGESTELLTE SPEZIFISCHE KARDE FÜR FEINE TIERISCHE HAARE

Title (fr)
PROCEDE DE CARDAGE PNEUMATIQUE A CYLINDRES ET MACHINE A CARDER COMBINEE SPECIFIQUE POUR POILS D'ANIMAUX FINS

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Abstract (en)
A suspension dehairing method by airflow generated by roller of this invention is based on the aerodynamics principle, takes advantage of suspension action of buoyancy of airflow sphere generated at the surface of roller above critical speed to suspension-dehair the scattering flocks coming into airflow sphere, the method is enable the heavy impurities and coarse fibres to descend and to be separated, in order to attain the subject of anticipate dehairing. The combined dehairing machine includes a set of dehairing unit with double cylinder opening and coarse-fibre-throwing; two or more sets of dehairing unit with coarse fibre separating by roller, condensing by doffer and airflow combined; a set of unit with centrifugal coarse fibre separating by parallel rollers, airflow suspension separating, transferring and delivering by dust cage; and two set of units with successive carding, stripping of flat-strips by vacuum stripping, automatic separating of dandruff, automatic circulation of reusable flat-strips, droppings by air taking and sending. <IMAGE>

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