Patent claims

1. A use of an extrusion process which includes compressing by means of an increase in pressure and temperature and mechanically processing the material at a shearing gap outlet of an extruder, for treating cellulosic plant material in order to shape and size the plant material, wherein the plant material comprises cut tobacco and a non-tobacco material, wherein additional and/or external binders are not added to the plant material in order to bind small parts of plant material to each other or to larger parts.

2. The use according to claim 1, wherein instantaneous-decompression drying is performed at the outlet of the extruder.

~~3. The use according to claim 1 or 2, wherein additional and/or external binders are not added to the plant material in order to bind small parts of plant material to each other or to larger parts.~~

43. The use according to ~~any one of~~ claims 1 ~~to~~ or 32, wherein the extrusion process is embodied substantially in one stage.

~~5~~4. The use according to any one of claims 1 to 43, wherein the extrusion process is performed in the absence of oxygen.

~~6~~5. The use according to any one of claims 1 to ~~5~~4, wherein the extrusion process is embodied to be sterilising and is in particular performed on the plant material at sterilising temperatures at at least one processing point.

~~7~~6. The use according to any one of claims 1 to ~~6~~5, wherein the material is restructured by specialised extrusions with integrated conditioning, wherein the material is in particular set to a predetermined moisture.

~~8~~7. The use according to any one of claims 1 to ~~7~~6, wherein the cellulosic plant material consists of a non-tobacco material to more than 10%, specifically more than 30%, in particular more than 50%.

~~9~~8. The use according to any one of claims 1 to ~~8~~7, which is performed without adding structuring materials.

~~10~~9. The use according to any one of claims 1 to ~~9~~8, wherein the plant material to be processed is exposed to an increase in temperature which results from supplying external heat and/or generating mechanical pressure.

~~11~~10. The use according to any one of claims 1 to ~~10~~9, wherein the material to be processed is a pre-conditioned material.

~~12~~11. The method according to any one of claims 1 to ~~11~~10, wherein the product which is created by processing the plant material to be processed is an irregularly shaped material, in particular a fibrous material.

~~13~~12. The use according to any one of claims 1 to ~~12~~11, wherein the non-tobacco material is a clove material.

~~14~~13. The use of a filling screw extruder comprising a shearing gap outlet for treating cellulosic plant material in order to shape and size the plant material, wherein the plant material comprises cut tobacco and a non-tobacco material, wherein additional and/or external binders are not added to the plant material in order to bind small parts of plant material to each other or to larger parts.