Patent claims

1. A method of producing cigarettes (68) in a cigarette machine (11), wherein
- cut tobacco (16) is separated in a tobacco sifter (14),
- the separated tobacco (16) is collected at the bottom of the tobacco sifter (14),
- the separated tobacco (16) is sucked in a suction stream (28) to a lower side (38) of a first air-permeable conveyor belt (34) by arranging a suction bar (22) above an upper side (36) of the first conveyor belt (34), which suction bar (22) is connected to an air suction (26),
- a width (30) of the suction flow is defined by a length (24) of the suction beam (22), wherein air with tobacco (16) is sucked in along the length (24) of the suction beam (22),
- the tobacco (16) is formed into a tobacco rod (40) at the lower side (38) of the first conveyor belt (34) by being compressed at the lower side (38) of the first conveyor belt (34) by the suction current (28)
- the tobacco rod (40) is transferred from the lower side (38) of the first conveyor belt (34) to an upper side (44) of a second conveyor belt (42), on which upper side (44) a cigarette paper band (46) is arranged,
- the tobacco rod (40) is guided on the upper side (44) of the second conveyor belt (42) through a narrowed mouthpiece (48),
- the tobacco rod (40) is wrapped with the cigarette paper band (46) at the mouthpiece (48),
- the cigarette paper band (46) is glued along the longitudinal direction of the rod (40), and
- the tobacco rod (40) is cut into cigarettes (68),

characterized in that

a smokable additional substance (13), which contains resins which contaminate the cigarette machine (11), is metered into the suction stream (28) mixed with tobacco (16), and the tobacco rod (40), comprising the

tobacco (16) and the additional substance (13), is formed on the lower side (28) of the first conveyor belt (34).

2. The method according to claim 1, characterized in that the smokable additive substance (13) is metered into the suction stream (28) essentially in the middle of the width (30) of the suction stream (28).

3. The method according to any one of claims 1 or 2, characterized in that the smokable additive substance (13) is metered into the suction stream (20) by means of an oscillating conveyor device (50).

4. The method according to claim 3, characterized in that the oscillating conveyor (50) comprises a spiral conveyor (52) with a spiral-shaped spiral pot (58), which spiral pot (58) is set into oscillation, whereby the additive substance (13) is conveyed in the direction of the suction flow (28).

5. The method according to claim 4, characterized in that the spiral conveyor (52) is filled by a vibrating hopper (54) dependent on the level (63) of the additive substance (13) in the spiral pot (58).

6. The method according to claims 3 to 5, characterized in that the delivery rate of the additional substance (13), which is metered in by the oscillating conveyor device (50) dependent on the delivery rate of the tobacco (16) in the suction stream (28).

7. The method according to any one of the preceding claims, characterized in that the additive substance (13) is more finely cut than the tobacco (16).

8. Method according to any one of the preceding claims, characterized in that finely cut constituents of the hemp plant are used as additive substance (13).

9. The method according to claim 8, characterized in that the components of the hemp plant are chopped for fine cutting.

10. A cigarette machine (11) for implementing a method according to any one of the preceding claims, comprising

- a tobacco sifter (14) in which cut tobacco (16) is separated,

- a suction beam (22) which is connected to an air extraction (26) and with which a suction flow (28) with the separated tobacco (16) can be sucked along the length (24) of the suction beam (22),

- a first air-permeable conveyor belt (34) having an upper side (36) and a lower side (38), the upper side (38) facing the suction beam (22) and the tobacco (16) being formable into a tobacco rod (40) on the lower side (38) of the first conveyor belt (34)

- a second conveyor belt (42), on the upper side (44) of which a cigarette paper band (46) can be arranged and on the upper side (44) of which the tobacco rod (40) can be transferred from the first conveyor belt (34),

- a mouthpiece (48) at which the tobacco rod (20) can be wrapped with cigarette paper tape (46), and

a metering device (50) with a feed line (56), which feed line (56) opens out below the lower side (38) of the first conveyor belt (34) and with which metering device (50) a smokable additional substance (13) can be metered into the suction stream (28) mixed with separated tobacco (16), wherein the metering device is a vibrating conveyor device (50):

further characterized

in that the vibrating conveyor device (50) comprises a vibrating hopper (54) with which a spiral pot (58) can be filled as a function of the filling level (63) of the additional substance (13) in the spiral pot (58).

11. The cigarette machine according to claim 10, characterized in that the feed line (56) is arranged substantially in the middle of the length (24) of the suction bar (22).

12. The cigarette machine according to claim 10 or 11, characterized in that the oscillating conveyor (50) comprises a spiral conveyor (52) having the spiral pot (58), which spiral pot (58) is caused to oscillate, whereby the additive substance (13) is conveyable in the direction of the suction flow (28).

13. The cigarette machine according to any one of claims 10 to 12, characterized in that the oscillating conveyor (50) comprises a laser (64) with which the level (63) in the spiral pot (58) can be measured.