

Title (en)
Device for pre-equalizing a tobacco stream

Title (de)
Vorrichtung zum Vor-Egalisieren eines Tabakstromes

Title (fr)
Dispositif de pré-égalisation d'un courant de tabac

Publication
EP 0846424 B1 20020327 (DE)

Application
EP 97121148 A 19971202

Priority
• DE 29620975 U 19961203
• US 92799197 A 19970912

Abstract (en)
[origin: EP0846424A1] The device comprises a suction stream conveyor (10) that has a continuous porous band (12). Tobacco fibres are conveyed from above to lower side under vacuum along a tobacco channel (20). There is a pre-equalising system (26) to homogenise the lengths of the conveyed tobacco streams (24). The pre-equalising system has a running cutter (30) arranged on the lower half of the tobacco channel. The cutter may be a circular cutter and may be arranged such that, when viewed from above, its edge region overlaps the tobacco channel. The circular cutter may be driven at such a revolution that it turns, with the tobacco channel overlapping edge region, faster than the band.

IPC 1-7
A24C 5/18

IPC 8 full level
A24C 5/18 (2006.01)

CPC (source: EP US)
A24C 5/1842 (2013.01 - EP US)

Cited by
EP2853163A1; WO2015043864A1; EP3075266A1; EP3075268A1; EP3075269A2; EP3075272A2

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
DE 29620975 U1 19970213; EP 0846424 A1 19980610; EP 0846424 B1 20020327; US 6009879 A 20000104

DOCDB simple family (application)
DE 29620975 U 19961203; EP 97121148 A 19971202; US 92799197 A 19970912