

Title (en)

COLLATION OF CIGARETTES AND METHOD FOR PRODUCING A COLLATION OF CIGARETTES

Title (de)

ZIGARETTENBLOCK UND VERFAHREN ZUR PRODUKTION EINES ZIGARETTENBLOCKS

Title (fr)

ARRANGEMENT DE CIGARETTES ET PROCÉDÉ DE PRODUCTION D'UN ARRANGEMENT DE CIGARETTES

Publication

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Application

**EP 19181691 A 20190621**

Priority

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Abstract (en)

The invention relates to a collation (1) of cigarettes (2) extending in a first, second and third spatial direction (X, Y, Z), which are all perpendicular to each other, wherein the collation (1) comprises a plurality of parallel cigarettes (2) all arranged with their longitudinal axis (L) parallel to the third spatial direction (Z), wherein the cigarettes (2) are arranged in at least six rows (4) each comprising a defined number m of cigarettes and the rows (4) extend in the first spatial direction (X) and are arranged above each other in the second spatial direction (Y) forming the collation (1) with a rectangular cross section (1a) in a sectional plane (A) spanned by the first and second spatial direction (X, Y), wherein the centers (6) of the cigarettes (2) of each row (4) with regard to the sectional plane (A) are displaced in the first spatial direction (X) with respect to the centers (6) of the cigarettes (2) of the directly adjacent rows (4) in the second spatial direction (Y). The invention is characterized in that at least two adjacent rows (8) each comprising n cigarettes (2) are arranged with the centers (6) of their cigarettes (2) directly above the centers (6) of the cigarettes (2) of the other of the two adjacent rows (8) and in the second spatial direction (Y) the adjacent rows (8) are arranged between at least two other cigarette rows (4).

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CPC (source: EP)

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- [X] DE 102012103863 A1 20131107 - FOCKE & CO [DE]
- [X] DE 102008013173 A1 20090910 - FOCKE & CO [DE]
- [A] US 2004173668 A1 20040909 - CONTI IGINO [IT], et al

Cited by

EP4365093A1; EP4357257A1; IT202200019086A1

Designated contracting state (EPC)

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