

Title (en)

METHOD AND DEVICE FOR THE MANUFACTURE OF A COAXIAL TOBACCO OR FILTER ROD AND A COAXIAL TOBACCO OR FILTER ROD OBTAINED BY THIS METHOD

Publication

EP 0448977 A3 19930113 (DE)

Application

EP 91102958 A 19910227

Priority

DE 4009657 A 19900326

Abstract (en)

[origin: DE4009657A1] The coaxial strands of tobacco or filter material are formed using a first machine (20) to produce the first strand from strip-type wrapping material and a strand of filler material. A second machine produces the coaxial strand from the first strand, second strip-type wrapping material, and a strand of filler material. - The strand (12) from the first machine is held in a buffer storage unit before further processing in the second machine. It is pref. deposited in a storage vessel (10), from which it is extracted and fed to the second machine.

IPC 1-7

A24C 5/14; A24D 3/02; A24D 1/00

IPC 8 full level

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CPC (source: EP US)

A24C 5/1821 (2013.01 - EP US); **A24D 1/00** (2013.01 - EP US); **A24D 3/02** (2013.01 - EP US)

Citation (search report)

- [X] GB 2069310 A 19810826 - MOLINS LTD
- [Y] EP 0081446 A1 19830615 - FRANCE TRANSFO SA [FR]
- [X] US 3162199 A 19641222 - MOLL JR CHARLES J
- [X] GB 2070409 A 19810909 - BRITISH AMERICAN TOBACCO CO
- [A] FR 2574058 A1 19860606 - STANDARD PRODUCTS [FR]
- [A] DE 2332904 A1 19740110 - GEN ELECTRIC
- [A] US 4709452 A 19871201 - COOLEY EDWARD J [US], et al
- [A] DE 2352679 A1 19750430 - SCHLOEMANN SIEMAG AG
- [AD] DE 3602846 A1 19860807 - BRITISH AMERICAN TOBACCO CO [GB]
- [A] US 3445077 A 19690520 - COLE JOSEPH I, et al

Cited by

EP2449896A1; CN105555154A

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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EP 0448977 A2 19911002; EP 0448977 A3 19930113; EP 0448977 B1 19960117; AT E133039 T1 19960215; DE 4009657 A1 19911002; DE 4009657 C2 19940407; DE 59107263 D1 19960229; DK 0448977 T3 19960528; ES 2084050 T3 19960501; GR 3018950 T3 19960531; JP 3248921 B2 20020121; JP H04211353 A 19920803; US 5201328 A 19930413

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