

Title (en)

TOBACCO MATERIAL EXPANSION METHOD AND DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG FÜR TABAKMATERIALEXPANSION

Title (fr)

DISPOSITIF ET PROCÉDÉ D'EXPANSION DU TABAC

Publication

**EP 2692247 A4 20141112 (EN)**

Application

**EP 11862760 A 20110331**

Priority

JP 2011058342 W 20110331

Abstract (en)

[origin: EP2692247A1] A method of expanding tobacco material includes moistening and swelling tobacco material by swirling the tobacco material together with a steam flow at temperatures of 100-160°C in contact therewith, and drying the tobacco material after being moistened and swollen. According to the method, filling capacity of the tobacco material can be increased compared to conventional methods.

IPC 8 full level

**A24B 3/04** (2006.01)

CPC (source: EP)

**A24B 3/182** (2013.01)

Citation (search report)

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- [Y] US 4418706 A 19831206 - KIM KI-HWAN [KR], et al
- [I] US 3524452 A 19700818 - MOSER GLENN PHILIP, et al
- [Y] WO 0221947 A1 20020321 - REEMTSMA H F & PH [DE], et al
- [Y] GB 2155302 A 19850925 - KOREA GINSENG & TOBACCO RES
- See references of WO 2012132008A1

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2692247 A1 20140205; EP 2692247 A4 20141112; EP 2692247 B1 20180808**; JP 5948316 B2 20160706; JP WO2012132008 A1 20140724; WO 2012132008 A1 20121004

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