

Title (en)
METHOD AND APPARATUS FOR UNIFORMLY ADDING PARTICULATES TO A COATING ON COMESTIBLES, AND PRODUCTS PRODUCED THEREBY

Title (de)
VERFAHREN UND VORRICHTUNG ZUM GLEICHMÄSSIGEN HINZUFÜGEN VONTEILCHEN ZU EINER BESCHICHTUNG AUF LEBENSMITTELN UND DADURCH HERGESTELLTEPRODUKTE

Title (fr)
METHODE ET APPAREIL POUR AJOUTER UNIFORMEMENT DES PARTICULES SUR UN ENROBAGE DE PRODUITS COMESTIBLES, ET PRODUITS AINSI OBTENUS

Publication
EP 1788888 A1 20070530 (EN)

Application
EP 04783091 A 20040902

Priority
US 2004028732 W 20040902

Abstract (en)
[origin: WO2006028450A1] A process for applying particulates to a large number of comestible cores during the production of comestible cores so as to have a generally uniform application of particulates on each coated core involves the steps of placing a batch of comestible cores in a coating apparatus; applying aliquots of coating syrup while the cores are tumbled in the coating apparatus to build up a coating on the cores; dividing a predetermined total amount of the particulates to be applied to the coated cores into at least three portions of approximately equal size; and applying each of the portions of particulates to the coated cores simultaneously from multiple, spaced apart, particulate distributors in the coating apparatus while the coated cores are being tumbled. Preferably the particulate applicator comprises a number of venturi eductors equal to the number of particulate distributors; a pneumatic hose connected between each venturi eductor and each particulate distributor; and a vibratory pan for holding a quantity of particulates and causing the particulates to vibrate and flow at a uniform rate into each venturi eductor. The process is particularly well suited to uniformly apply speckle particulates to produce coated chewing gum or other confectionery cores with a uniform number of speckles on each core.

IPC 8 full level
A23G 3/00 (2006.01)

CPC (source: EP)
A23G 3/0085 (2013.01); **A23G 3/0095** (2013.01); **A23G 3/2076** (2013.01); **A23G 3/26** (2013.01); **A23G 3/54** (2013.01)

Citation (search report)
See references of WO 2006028450A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006028450 A1 20060316; EP 1788888 A1 20070530

DOCDB simple family (application)
US 2004028732 W 20040902; EP 04783091 A 20040902