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(71) Applicant(s):

GENERAL MILLS, INC. [US/US]; Number One General Mills Blvd. Minneapolis, MN 55426 (US) *(for all designated states)*

(72) Inventor(s):

STENVIK, Ralph, A.; 3010 Larch Lane North Plymouth, MN 55441 (US)

DADE, Bryan, M.; 2809 Robbins Street Minneapolis, MN 55410 (US)

MOEN, Molly; 13886 Darwin Way Rosemount, MN 55068 (US)

(74) Agent(s):

DIEDERIKS., Everett, G., Jr.; Diederiks & Whitelaw, PLC 13885 Hedgewood Drive, Suite 317 Woodbridge, VA 22193 (US)

(54) Title (EN): APPARATUS AND METHOD FOR SEPARATING FOOD PRODUCT FROM CONVEYOR BELT

(54) Title (FR): APPAREIL ET PROCÉDÉ DE SÉPARATION D'UN PRODUIT ALIMENTAIRE D'UNE BANDE TRANSPORTEUSE

(57) Abstract:

(EN): A food production apparatus includes a conveyor belt (105) and a wire scraper (115). The conveyor belt (105) supports and transports a food product (100-102). The wire scraper (115) includes a wire (160) and a motor (130). The wire (160) is located above and extends across the conveyor belt (105) to temporarily separate the food product (100-102) from the conveyor belt (105). Operation of the motor (130) causes the wire (160) to continuously cycle back and forth between 1) movement in a first direction (310) above and across the conveyor belt (105) and 2) movement in a second opposite direction (311) above and across the conveyor belt (105).

(FR): L'invention concerne un appareil de production d'aliments comprenant une bande transporteuse (105) et un racleur à fil (115). La bande transporteuse (105) supporte et transporte un produit alimentaire (100-102). Le racleur à fil (115) comprend un fil (160) et un moteur (130). Le fil (160) est situé au-dessus et s'étend à travers la bande transporteuse (105) pour séparer temporairement le produit alimentaire (100-102) de la bande transporteuse (105). Le fonctionnement du moteur (130) amène le fil (160) à effectuer en continu un mouvement de va-et-vient entre 1) un mouvement dans une première direction (310) au-dessus et à travers la bande transporteuse (105) et 2) un mouvement dans une seconde direction opposée (311) au-dessus et à travers la bande transporteuse (105).

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