

Title (en)

SEPARATING MACHINE WITH FEEDING WHEEL

Title (de)

TRENNMASCHINE MIT ZUFÜHRRAD

Title (fr)

MACHINE DE SÉPARATION AVEC ROUE D'ALIMENTATION

Publication

EP 4266892 A1 20231101 (EN)

Application

EP 21942109 A 20210525

Priority

- US 202117317736 A 20210511
- US 2021034092 W 20210525

Abstract (en)

[origin: WO2022240423A1] A separating machine separates a food source material into first and second food portions. A separating arrangement includes a roller assembly and a belt assembly including a belt to be driven by the roller assembly. The separating arrangement includes a drum assembly arranged proximate to the belt assembly to define a separation area. The separating arrangement includes an inlet assembly configured to receive the food source material and a feeding wheel assembly positioned proximate to or within the inlet assembly and configured to direct the food source material into the separation area. The belt assembly is arranged relative to the belt assembly such that the food source material is pressed by the belt against the outer surface of the drum and the first food portion is pressed through the holes while the second food portion remains outside of the drum interior, thereby separating the first and second food portions.

IPC 8 full level

A22C 17/04 (2006.01); **A22C 25/16** (2006.01); **B02C 18/28** (2006.01)

CPC (source: EP)

A22C 17/04 (2013.01); **B30B 9/241** (2013.01)

Citation (search report)

See references of WO 2022240423A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022240423 A1 20221117; EP 4266892 A1 20231101

DOCDB simple family (application)

US 2021034092 W 20210525; EP 21942109 A 20210525