

Title (en)  
DEVICE FOR GATHERING PRODUCTS

Title (de)  
VORRICHTUNG ZUM ANSAMMELN VON PRODUKTEN

Title (fr)  
DISPOSITIF DE REGROUPEMENT DE PRODUITS

Publication  
**EP 3941859 A1 20220126 (FR)**

Application  
**EP 20710165 A 20200313**

Priority  
• FR 1902803 A 20190319  
• EP 2020056952 W 20200313

Abstract (en)  
[origin: WO2020187784A1] The present invention relates to a device (2) for gathering products (1) for a production and packaging line for said products (1) conveyed in a single-line flow through an inlet (5), comprising a conveyor (6) for consecutively receiving said gathered products (1); a circuit (8) for transporting said products (1) individually along a direction of movement of said products (1) from said inlet (5) to a first deposit zone (9) along said receiving conveyor (6); means (10) for transferring said products (1) individually along a transfer zone from said inlet (5) to said circuit (8). Advantageously, said circuit (8) comprises a first and a second loop located downstream of said transfer means (10), the first and second loops comprising a common section (12); a management means along said common section (12) ensuring the sending of a product (1) to the first loop or to the second loop.

IPC 8 full level  
**B65G 47/68** (2006.01); **B65G 47/51** (2006.01); **B65G 47/84** (2006.01)

CPC (source: EP)  
**B65G 47/5145** (2013.01); **B65G 47/684** (2013.01); **B65G 47/846** (2013.01); **B65G 2201/0244** (2013.01); **B65G 2201/0252** (2013.01)

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

DOCDB simple family (publication)  
**WO 2020187784 A1 20200924**; CN 113614007 A 20211105; CN 113614007 B 20240315; EP 3941859 A1 20220126; FR 3094007 A1 20200925; FR 3094007 B1 20211217

DOCDB simple family (application)  
**EP 2020056952 W 20200313**; CN 202080023362 A 20200313; EP 20710165 A 20200313; FR 1902803 A 20190319