

Title (en)  
SYSTEMS AND METHODS FOR SEPARATING OBJECTS USING CONVEYOR TRANSFER WITH ONE OR MORE OBJECT PROCESSING SYSTEMS

Title (de)  
SYSTEME UND VERFAHREN ZUM TRENNEN VON GEGENSTÄNDEN MITTELS FÖRDERÜBERTRAGUNG MIT EINEM ODER MEHREREN OBJEKTVERARBEITUNGSSYSTEMEN

Title (fr)  
SYSTÈMES ET PROCÉDÉS POUR SÉPARER DES OBJETS À L'AIDE D'UN TRANSFERT DE TRANSPORTEUR AU MOYEN D'UN OU PLUSIEURS SYSTÈMES DE TRAITEMENT D'OBJETS

Publication  
**EP 3908996 A1 20211117 (EN)**

Application  
**EP 20704962 A 20200108**

Priority  
• US 201962789775 P 20190108  
• US 201962884351 P 20190808  
• US 201916543105 A 20190816  
• US 201916661820 A 20191023  
• US 2020012720 W 20200108

Abstract (en)  
[origin: WO2020146503A1] A distribution system is disclosed for use with an induction system with an object processing system. The distribution system provides distribution of dissimilar objects into one of a plurality of receiving units. The distribution system includes an urging system for urging an object on a conveyor from the conveyor to a chute that includes at least one actuatable door for selectively dropping the object through the at least one actuatable door, said chute leading to a first receiving station with a second receiving station being positioned below the at least one actuatable door.

IPC 8 full level  
**G06Q 10/00** (2012.01); **G06Q 10/08** (2012.01); **G06Q 50/28** (2012.01); **G06Q 50/30** (2012.01)

CPC (source: EP)  
**B07C 5/36** (2013.01); **B65G 47/525** (2013.01); **B65G 47/82** (2013.01); **B65G 1/1378** (2013.01); **B65G 2203/0258** (2013.01); **B65G 2203/042** (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 2020146503 A1 20200716; WO 2020146503 A9 20200910;** CA 3126138 A1 20200716; CA 3126138 C 20240213; CA 3126160 A1 20200716; CA 3126161 A1 20200716; CA 3126258 A1 20200716; CA 3126258 C 20240213; CA 3126276 A1 20200716; CA 3126276 C 20240521; CA 3126277 A1 20200716; CN 113272835 A 20210817; CN 113272836 A 20210817; CN 113272837 A 20210817; CN 113272837 B 20240625; CN 113287128 A 20210820; CN 113287129 A 20210820; CN 113287129 B 20240614; CN 113287130 A 20210820; CN 113287130 B 20240614; EP 3908991 A1 20211117; EP 3908992 A1 20211117; EP 3908993 A1 20211117; EP 3908994 A1 20211117; EP 3908995 A1 20211117; EP 3908996 A1 20211117; WO 2020146467 A1 20200716; WO 2020146467 A9 20200813; WO 2020146472 A1 20200716; WO 2020146472 A9 20200813; WO 2020146480 A1 20200716; WO 2020146480 A9 20200910; WO 2020146487 A1 20200716; WO 2020146487 A9 20200910; WO 2020146509 A1 20200716; WO 2020146509 A9 20200903

DOCDB simple family (application)  
**US 2020012744 W 20200108;** CA 3126138 A 20200108; CA 3126160 A 20200108; CA 3126161 A 20200108; CA 3126258 A 20200108; CA 3126276 A 20200108; CA 3126277 A 20200108; CN 202080008300 A 20200108; CN 202080008322 A 20200108; CN 202080008346 A 20200108; CN 202080008347 A 20200108; CN 202080008348 A 20200108; CN 202080008352 A 20200108; EP 20703621 A 20200108; EP 20703866 A 20200108; EP 20704119 A 20200108; EP 20704645 A 20200108; EP 20704961 A 20200108; EP 20704962 A 20200108; US 2020012695 W 20200108; US 2020012704 W 20200108; US 2020012713 W 20200108; US 2020012720 W 20200108; US 2020012754 W 20200108