

Title (en)  
RECOVERY DEVICE

Title (de)  
VERWERTUNGSVORRICHTUNG

Title (fr)  
INSTALLATION DE RECUPERATION

Publication  
**EP 0891609 A1 19990120 (DE)**

Application  
**EP 97916422 A 19970401**

Priority  

- DE 29606053 U 19960401
- EP 9701638 W 19970401

Abstract (en)  
[origin: WO9737330A1] The invention concerns a device for recovering used stackable containers, in particular cups, the recovery device comprising a guide track which is disposed at least between a first and a second processing arrangement for the containers and supports the latter. The guide track is provided substantially above a receiver opening in the processing arrangement with a tilting device for tilting each container in the guide track in the direction of the receiver opening. In order to simplify the construction of the tilting device and make it reliable, it is formed as a guide track region in which the guide track comprises a tilting recess which is open substantially in the direction of the receiver opening and to one side of the guide track, and an edge guide which supports a container edge region disposed opposite the receiver opening.

IPC 1-7  
**G07F 7/06**

IPC 8 full level  
**B08B 9/42** (2006.01); **B65F 1/14** (2006.01); **G07F 7/06** (2006.01)

CPC (source: EP US)  
**B08B 9/42** (2013.01 - EP US); **B65F 1/1463** (2013.01 - EP US); **G07F 7/0609** (2013.01 - EP US)

Citation (search report)  
See references of WO 9737330A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 29606053 U1 19970731**; EP 0891609 A1 19990120; JP 2000507723 A 20000620; US 6240937 B1 20010605; WO 9737330 A1 19971009

DOCDB simple family (application)  
**DE 29606053 U 19960401**; EP 9701638 W 19970401; EP 97916422 A 19970401; JP 53494297 A 19970401; US 15557299 A 19990426