

Title (en)  
DEVICE FOR THE SORTING OF WASTE BAGS

Title (de)  
VORRICHTUNG ZUM SORTIEREN VON ABFALLBEUTELN

Title (fr)  
DISPOSITIF POUR TRIER DES SACS DE DECHETS

Publication  
**EP 0759816 A1 19970305 (EN)**

Application  
**EP 95920331 A 19950509**

Priority  
• SE 9500510 W 19950509  
• SE 9401754 A 19940520

Abstract (en)  
[origin: WO9532062A1] A device for sorting differently coloured refuse bags (8) which are presented in random order distribution, the refuse bags of different colours containing different types of waste sorted at the source. The device comprises at least one conveyor belt (1) which is designed to convey bags arranged in rows one behind the other past sorting stations (2, 3, 4) arranged at intervals along said conveyor belt, and designed to identify and separate predetermined types of waste from the conveyor. The device is characterised in that it comprises at least one sorting station (2, 3, 4), in that each sorting station includes a first sensor (5) designed to detect and emit an output signal when refuse bags (8) which have at least one predetermined colour approach the sorting station. Each sorting station further contains a position-sensitive second sensor (6) which is designed to detect when the refuse bag (8) passes a predetermined position at the sorting station (2, 3, 4). The first and the second sensors (5, 6) are designed to actuate a member (7) for removing the bag from the conveyor belt.

IPC 1-7  
**B07C 5/342**

IPC 8 full level  
**B07C 5/342** (2006.01)

CPC (source: EP)  
**B07C 5/3422** (2013.01); **B07C 5/365** (2013.01)

Citation (search report)  
See references of WO 9532062A1

Cited by  
WO2019211267A1; WO2011029991A2; WO2006096101A1; WO2010112668A1; WO2010112669A1; WO2016024043A1; KR20170040355A; US10464105B2; WO2012134389A1; US9405992B2; EP4134173A1

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