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 B1 20000126 (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)

Cited by

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

Designated contracting state (EPC)

DE DK ES IE IT SE

DOCDB simple family (publication)

WO 9532062 A1 19951130; DE 69514797 D1 20000302; DE 69514797 T2 20000831; DK 0759816 T3 20000703; EP 0759816 A1 19970305; EP 0759816 B1 20000126; ES 2144127 T3 20000601; SE 508007 C2 19980810; SE 9401754 D0 19940520; SE 9401754 L 19951121

DOCDB simple family (application)

SE 9500510 W 19950509; DE 69514797 T 19950509; DK 95920331 T 19950509; EP 95920331 A 19950509; ES 95920331 T 19950509; SE 9401754 A 19940520