

Title (en)

Device for feeding a waste sorting plant with the contents of garbage bags

Title (de)

Vorrichtung zum Beschicken einer Müllsortiereinrichtung mit dem Inhalt von Müllsäcken

Title (fr)

Dispositif pour alimenter une installation de tri de déchets avec les contenus de sacs-poubelles

Publication

EP 0635430 B1 19960925 (DE)

Application

EP 94111042 A 19940715

Priority

DE 4323952 A 19930716

Abstract (en)

[origin: EP0635430A1] In a device (12) for feeding a refuse-sorting plant (10) with the contents of refuse bags, a feeder device (14) for the refuse bags is followed by an obliquely ascending conveyor track (16) which is suitable for supporting and transporting refuse bags and their contents and which terminates at its upper end above the feed point of a conveyor traversing the sorting region. Arranged above the conveyor track (16), near its upper end, is a deflector rake (22) which is pivotable about an axis (30) spanning the conveyor track (16) and the prongs (32) of which approach one another obliquely downwards opposite to the conveying direction of the conveyor track (16), in a receiving position of the conveyor track (16), and can be moved out of this receiving position opposite the conveying direction into a throw-back position lifted off from the conveyor track (16). The deflector rake (22) can be driven in a movement going to and fro between the receiving position and the throw-back position. Tearing-open devices (40) assigned to the refuse bags extend from a mounting (34) following the deflector rake (22) in the conveying direction, so as to engage through the interspaces between the prongs (32) and increase their distance from the conveyor track (16) opposite to the conveying direction, the said tearing-open devices (40) being jointly pivotable out of a basic position counter to a restoring force about an axis (36) spanning the conveyor track (16), the conveying movement along the feeder device (14) being regulatable in dependence on the angular position of the tearing-open devices (40) in relation to the basic position. <IMAGE>

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B65B 69/00

IPC 8 full level

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CPC (source: EP US)

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US 5567106 A 19961022; AT E143328 T1 19961015; DE 4323952 A1 19950119; DE 4323952 C2 19950727; DE 59400731 D1 19961031; EP 0635430 A1 19950125; EP 0635430 B1 19960925; ES 2093476 T3 19961216

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