

Title (en)

Container tipper for automatically gripping socket-fitted refuse containers and overturning them into the body of a motor vehicle.

Title (de)

Behälterkippvorrichtung zum automatischen Greifen von mit einer Mitnahmeleiste versehenen Müllbehältern und zum Kippen derselben in die Sammelbehälter eines Kraftfahrzeugs.

Title (fr)

Dispositif de basculement de récipients destiné à accrocher automatiquement des poubelles équipées d'un rebord et à les renverser dans la benne d'un véhicule à moteur.

Publication

EP 0463386 A1 19920102 (EN)

Application

EP 91108624 A 19910528

Priority

IT 2077390 A 19900626

Abstract (en)

A container tipper for automatically gripping socket-fitted refuse bins and overturning them into the body of a motor vehicle, characterised by comprising a rocking structure (12) alignable with the bin (5), a plurality of arms (13', 13"..., 14', 14"....), each having an end block intended to engage a respective socket of said bin, means (19) associated with said arms to move them from a first substantially vertical position to a second position angularly inclined to said rocking structure, means (25) for preventing the rocking of the structure (12) and means (29) for locking the bin onto said rocking structure during its overturning. <IMAGE>

IPC 1-7

B65F 3/08

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 0268883 A2 19880601 - ZOELLER KIPPER [DE]
- [YD] GB 2168316 A 19860618 - LONGARETTI CRISTINA
- [Y] EP 0173180 A1 19860305 - ZOELLER KIPPER [DE]
- [A] EP 0078011 A1 19830504 - KAMPWERTH FRIEDRICH MASCHF [DE]
- [A] EP 0010719 A1 19800514 - ZOELLER KIPPER [DE]

Cited by

EP0736465A1; CN106477213A; NL1007726C2; EP0955252A1; US5525022A; EP0630831A1; GB2279321B; EP0955251A1; EP0667308A1; WO9933329A1; EP0963923A2

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