

Title (en)
Vehicle for compacting refuse.

Title (de)
Müllverdichtungsfahrzeug.

Title (fr)
Véhicule pour le compactage de détritrus.

Publication
EP 0225469 A1 19870616 (DE)

Application
EP 86115077 A 19861029

Priority
DE 3540183 A 19851113

Abstract (en)
1. Refuse compaction vehicle, the wheels of which have radially protruding, dimensionally stable protuberances (3), which are arranged distributed around the circumference and at a distance from one another, are intended for the compaction of the refuse and consist in each case of a supporting part (4), arranged fixedly on the wheel, and a shoe (5), releasably and unrotatably fitted onto the latter, the supporting parts and the shoes complementing each other to form an essentially frustopyramidal body, the supporting parts having in each case a radially protruding, polygonal pog, tapering towards its free end, but the shoes having in each case an insert opening, adapted to the peg, and plugconnection safeguards being provided, which each consist of a bolt (9) directed transversely to the fitting-on direction of the shoe and passing detachably through bores of the shoe and of the supporting part peg, characterized in that the bolt (9) is designed as a tension pin, in that the bores (10, 11) in the supporting part (4) and in the shoe (5) for receiving the tension pin are arranged offset parallel to each other in such a way that the driven-in tension pin exerts tension forces on the shoe (5) in fitting-on direction of the same, in that the shoe side walls (12) passed through by the tension pins and bounding the insert opening (7) of the shoes (59) are extended with respect to the bore-free side walls (13) beyond their free edges, in that recesses (14), designed to correspond to the side wall extensions, are arranged in the supporting parts (4), and in that the depth of the insert opening (7) of the shoe (5) is greater than the insert length of the peg (6).

Abstract (de)
Um ein Müllverdichtungsfahrzeug, dessen Räder (2) auf den Umfang verteilt sowie mit Abstand voneinander angeordnete, radial abstrebende, formstabile und vornehmlich zur Verdichtung des Mülls bestimmte Nocken (3) aufweisen, derart zu verbessern, daß eine erhebliche Vereinfachung und Verbilligung der Erneuerung der Nocken (3) erreichbar ist, sind die Nocken (3) an den Rädern (2) lösbar befestigt.

IPC 1-7
E02D 3/026

IPC 8 full level
E02D 3/026 (2006.01)

CPC (source: EP)
E02D 3/026 (2013.01)

Citation (search report)
• [X] US 3274908 A 19660927 - GRANT GERALD E, et al
• [Y] FR 2405334 A1 19790504 - VIEHMANN & CO INTERTRAC [DE]

Cited by
GB2290758A; FR2721540A1; GB2290758B; GB2234944A

Designated contracting state (EPC)
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EP 0225469 A1 19870616; EP 0225469 B1 19891018; AT E47444 T1 19891115; DE 3540183 A1 19870521; DE 3540183 C2 19890223; DE 3666475 D1 19891123; ES 2011769 B3 19900216

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