

Title (en)

APPARATUS AND METHOD FOR PROTECTING AXLES FROM WINDING DEBRIS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHUTZ DER ACHSEN VOR AUFGEWICKELTEN ABLAGERUNGEN

Title (fr)

APPAREIL ET PROCÉDÉ PERMETTANT DE PROTÉGER LES ESSIEUX CONTRE L'ENROULEMENT DE DÉBRIS

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Application

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Abstract (en)

[origin: WO2011116310A2] An apparatus and method for preventing debris from accessing and wrapping around the axles of a vehicle, such as a landfill compactor, are disclosed. The apparatus may include a wheel having a rim from which radially extend a plurality of cleats or tips. A subset of tips may be provided circumferentially around a laterally inner edge of the wheel. A wheel guard may be mounted between adjacent pairs of tips of the subset. Each wheel guard may be welded to the rim and to the adjacent pairs of tips. Each wheel guard may be a unitary piece of metal, or could be provided in two or more segment so as to be adjustable and thus facilitate use on wheels of differing diameters, or with different tip spacing. The wheel guards and adjacent tips form a continuous barrier around the circumference of the wheel to prevent debris from accessing and wrapping around the axles of the compactor.

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