

Title (en)

BALE TONGS TO BE CONNECTED TO A WORKING MACHINE

Title (de)

BALLENZANGE ZUM ANSCHLUSS AN EINE ARBEITSMASCHINE

Title (fr)

PINCE À BALLES QUI DOIT ÊTRE RELIÉE À UNE MACHINE DE TRAVAIL

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Application

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Abstract (en)

[origin: WO2008071856A1] The invention relates to bale tongs comprised of a mounting member (10) for coupling to a working machine and of grabbers (12a and 12b) for gripping a bale as well as of a cutting structure (19) for cutting the tying material of the bale. It also has spike-like gripping members (14a and 14b). These gripping members move from their idle position to an extreme position and back. In their extreme position, the gripping members have penetrated the bale held by the tongs and the tying material of the bale with the result that a part of the tying material is left between the gripping member and the grabber. When the gripping members retract from the extreme position to the idle position, the tying material of the bale left between the gripping member and the grabber is released. A cutting structure is fixed to the mounting member of the bale tongs, between the grabbers. This cutting structure cuts the bale held by the grabbers and the tying material thereof. The bale held by the grabbers is unpacked by moving the gripping members from the idle position towards the extreme position to make them penetrate into the bale and the tying material thereof. The bale and the tying material are cut by the cutting structure. The cutting is continued until the baled material starts to disintegrate. After the bale has become empty, the tying material is left hanging from the grabbers and the gripping members. The tying material is removed from the bale tongs by retracting the gripping members from the extreme position to the idle position, thus causing the tying material to drop down. Due to the invention, the tying material and the contents of the bale can easily be separated and discharged at their own places.

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