

Title (en)

Method and machine for removal of binding strings or wires from a bale, in particular a bale of cellulose

Title (de)

Verfahren und Vorrichtung zum Entfernen der Bindschürre oder Drähte von einem Ballen, insbesondere einem Zellstoffballen

Title (fr)

Procédé et appareil pour enlever les bandes ou fils de cerclage d'une balle, en particulier une balle de cellulose

Publication

EP 1072519 A1 20010131 (EN)

Application

EP 00116307 A 20000727

Priority

IT TO990666 A 19990728

Abstract (en)

Method for the removal of binding strings or wires (2) from a bale of cellulose (3), presenting the steps of identifying each of the binding strings or wires (2), of cutting the said strings or wires (2), and of coupling an intermediate portion (67) of each string or wire (2) to a single mobile drawing head (18) towards a depositing station (7a) in a given direction (46a); the drawing head (18) having a pair of comb-like members (49), each of which is provided with a plurality of seats (52) set alongside each other, and the coupling of the strings or wires (2) to the drawing head (18) being achieved by displacing the head (18) and the bale (3) with respect to one another in a vertical direction until the comb-like members (49) are brought into a position facing respective lateral surfaces (16) of the bale (3), separating the intermediate portions (67) of the strings or wires (2) until each intermediate portion (67) is inserted inside a corresponding seat (52), and clamping each intermediate portion (67) inside the corresponding seat (52) by means of a respective mobile clamping member (54). <IMAGE>

IPC 1-7

B65B 69/00

IPC 8 full level

B65B 69/00 (2006.01)

CPC (source: EP)

B65B 69/0025 (2013.01)

Citation (search report)

- [A] DE 4200217 A1 19931118 - STUEHLEN HEBE U FOERDERTECHNIK [DE]
- [A] DE 19700568 A1 19970717 - INSINOEOERITOIMISTO ERTIKE OY [FI]
- [A] EP 0457133 A1 19911121 - LAMB GRAYS HARBOR CO [US]
- [A] GB 2184704 A 19870701 - VOITH GMBH J M

Cited by

CN115303593A; US6912762B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1072519 A1 20010131; EP 1072519 B1 20031022; AT E252487 T1 20031115; CA 2314757 A1 20010128; DE 60006043 D1 20031127; DE 60006043 T2 20040805; IT 1310647 B1 20020219; IT TO990666 A0 19990728; IT TO990666 A1 20010128

DOCDB simple family (application)

EP 00116307 A 20000727; AT 00116307 T 20000727; CA 2314757 A 20000728; DE 60006043 T 20000727; IT TO990666 A 19990728