

Title (en)
WINDING HEAD

Publication
EP 0005444 B1 19801015 (DE)

Application
EP 79101069 A 19790409

Priority
DE 2821336 A 19780516

Abstract (en)
[origin: US4261395A] A wind-up head which is in particular provided for unwiring bales in conjunction with a cutting apparatus, comprises substantially a cylindrical wire receiving portion which at its work end has at least one receiving slit for gripping the wire and is arranged between two wire guide slits. In order to permit that the wind-up head is able to grip and coil wire lengths without the aid of further apparatus and in particular is able to grip directly the wires still engaging a bale when using it for unwiring bales without the aid of a special lift-off apparatus, the wire receiving portion is formed as a hollow cylinder from the work end of which at least two helical slits start penetrating the cylinder wall. The hollow cylindrical wire receiving portion is surrounded at a distance by an external cylinder which has at least two helical slits likewise starting from its work end and having an opposite hand to the slits of the inner hollow cylinder. The two cylinders are rotatable relative to one another in both directions. The wire winds up on the interval cylinder so that it is pulled off the bale and a small tight wire coil results therefrom which is easy to collect and discard.

IPC 1-7
B65B 69/00

IPC 8 full level
B65B 69/00 (2006.01)

CPC (source: EP US)
B65B 69/0025 (2013.01 - EP US); **Y10S 83/909** (2013.01 - EP US)

Cited by
US5558423A; EP0597938A4; EP4166465A1; WO2023062054A1

Designated contracting state (EPC)
BE CH FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0005444 A1 19791128; EP 0005444 B1 19801015; AT 379561 B 19860127; AT A264979 A 19850615; DE 2821336 B1 19791031; DE 2821336 C2 19800731; FI 791262 A 19791117; US 4261395 A 19810414

DOCDB simple family (application)
EP 79101069 A 19790409; AT 264979 A 19790409; DE 2821336 A 19780516; FI 791262 A 19790418; US 2973479 A 19790413