Title (en)
APPARATUS FOR OPENING COMPRESSED BALES

Publication
EP 0266492 B1 19901010 (DE)

Application
EP 87111156 A 19870801

Priority
- DE 3634709 A 19861011
- DE 3722201 A 19870704

Abstract (en)
[origin: US4748725A] A travelling opening device for detaching fiber material from top faces of fiber bales includes two opening rollers having generally horizontal longitudinal axes oriented perpendicularly to a travelling direction of the opening device; opening elements carried on the opening rollers; and grates formed of grate bars spaced parallel to the longitudinal axes and each having a horizontal length portion arranged to engage the top faces of the fiber bales. The elements of the opening rollers project between the grate bars and penetrate into the fiber bales. Each opening roller cooperates with a separate grate. The grates are movably supported independently from one another. The grate bars of each grate have a supported end and an opposite free end spaced from the supported end parallel to the travelling direction. The free ends of the grate bars constitute an open end of the grate. The open ends of the two grates are adjacent and are oriented towards one another. The free end of each grate bar extends upwardly from the horizontal length portion, away from the top face of the bale during operation.

IPC 1-7
D01G 7/12

IPC 8 full level
D01G 7/04 (2006.01); D01G 7/00 (2006.01); D01G 7/12 (2006.01)

CPC (source: EP US)
D01G 7/12 (2013.01 - EP US)

Cited by
DE3820427A1; EP0351529A1

Designated contracting state (EPC)
CH DE IT LI

DOCDB simple family (publication)
EP 0266492 A1 19880511; EP 0266492 B1 19901010; AT 395725 B 19930225; AT A226387 A 19920715; BE 1000212 A3 19880830; BR 8705425 A 19880524; CA 1308534 C 19921013; CH 673847 A5 19900412; ES 2005389 A6 19890301; FR 2605020 A1 19880415; FR 2605020 B1 19930917; GB 2197665 A 19880525; GB 2197665 B 19900815; GB 8723618 D0 19871111; GR 871441 B 19870922; HK 145595 A 19950922; IN 168179 B 19910216; IT 1228418 B 19910617; IT 8721292 A0 19870715; JP 2667668 B2 19971027; JP S63105120 A 19880510; MX 160030 A 19891106; NL 192119 B 19961001; NL 192119 C 19970204; NL 8702147 A 19880502; US 4748725 A 19880607; YU 173887 A 19891031

DOCDB simple family (application)
EP 87111156 A 19870801; AT 226387 A 19870908; BE 8701158 A 19871009; BR 8705425 A 19871009; CA 548193 A 19870929; CH 393987 A 19871008; ES 8702891 A 19871009; FR 8714008 A 19871009; GB 8723618 A 19871008; GR 870101441 A 19870917; HK 145595 A 19950914; IN 719CA1987 A 19870909; IT 2129287 A 19870715; JP 21926987 A 19870903; MX 870787 A 19871005; NL 8702147 A 19870909; US 10186287 A 19870925; YU 173887 A 19870921