

Title (en)
SHELLING MACHINE FOR GRAIN

Publication
EP 0131773 B1 19861126 (DE)

Application
EP 84106964 A 19840618

Priority
DE 8320494 U 19830715

Abstract (en)
[origin: US4539904A] A husking machine for cereals, with a husking roller mounted in fixed bearings and with a husking roller which is adjustable along an approximately horizontal path and the bearings of which are arranged on a support displaceable on guide members. The support is equipped with linear horizontal guide members, so that the geometric relationships of the roller gap always remain constant. The husking rollers are driven via belt pulleys arranged on their shafts. In the region of the adjustable husking roller, the belt drive is guided in the form of a Z over a fixed belt pulley, then, parallel to the direction of the guide members, to one of the two belt pulleys arranged on the support, from this to the other belt pulley arranged on the support, and finally, parallel to the direction of the guide members, to a belt pulley arranged fixedly. As a result, the belt tension becomes independent of the readjustment of the husking rollers.

IPC 1-7
B02B 3/04; **B02C 4/42**

IPC 8 full level
B02B 3/04 (2006.01); **B02C 4/42** (2006.01)

CPC (source: EP US)
B02B 3/045 (2013.01 - EP US); **B02C 4/42** (2013.01 - EP US)

Cited by
EP0742049A3; FR2654588A1

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EP 0131773 A1 19850123; **EP 0131773 B1 19861126**; DE 3461425 D1 19870115; DE 8320494 U1 19831103; US 4539904 A 19850910

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EP 84106964 A 19840618; DE 3461425 T 19840618; DE 8320494 U 19830715; US 62268284 A 19840620