

Title (en)

DEVICE FOR THE EMPTYING OF SILOS, ESPECIALLY THOSE THAT CONTAIN CHIPS

Publication

EP 0000937 B1 19800109 (DE)

Application

EP 78100714 A 19780821

Priority

DE 2738069 A 19770824

Abstract (en)

[origin: EP0000937A1] 1. Device for the emptying of bins, particularly swarf bins, with a conveyor worm provided with conveyor points and rotating in a plane or on a conical surface and guiding the material to an emptying shaft passage, the emptying shaft passage being kept closed as far as approximately the cross-section of the conveyor worm by a hood rotating with the conveyor worm, characterised in that in cross-section the hood (17) has the form of a spiral of which the discontinuity from the greatest to the smallest radius lies in the plane of the axis of the conveyor worm (14), and wherein the continuously increasing radius of the spiral-shaped hood lies in the direction of rotation of the hood.

IPC 1-7

B65G 65/46

IPC 8 full level

B65G 65/46 (2006.01)

CPC (source: EP)

B65G 65/466 (2013.01)

Cited by

US4314675A; FR2626262A1

Designated contracting state (EPC)

BE CH FR GB NL SE

DOCDB simple family (publication)

EP 0000937 A1 19790307; **EP 0000937 B1 19800109**; AT 360426 B 19800112; AT A614978 A 19800515; DE 2738069 A1 19790308; DE 2738069 B2 19800327; DE 2738069 C3 19801204; IT 1158995 B 19870225; IT 7826989 A0 19780824

DOCDB simple family (application)

EP 78100714 A 19780821; AT 614978 A 19780823; DE 2738069 A 19770824; IT 2698978 A 19780824