

Title (en)  
FEED SENSOR MECHANISM

Title (de)  
SPEISESENSORIK

Title (fr)  
SYSTEME DE DETECTEURS POUR OPERATIONS D'ALIMENTATION

Publication  
**EP 0991473 B1 20011128 (DE)**

Application  
**EP 98907803 A 19980325**

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Abstract (en)  
[origin: DE19726551A1] The invention relates to a feed sensor mechanism for a mill cylinder (1), especially a 4 or 8-cylinder mill of the type used in a mill for grinding cereals. The aim of the invention is to provide a structurally simple means of detecting the product in the entry part of the feed regulator. To this end, a sensor (8) is located in the feed cylinder (2) of the cylinder mill (1). Said sensor is able to detect the weight (F) of the incoming product so that a control signal can then be sent to the feed device via a signal converter (9).

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**US 6502773 B1 20030107**; AT E209527 T1 20011215; CN 1128021 C 20031119; CN 1261295 A 20000726; CZ 295271 B6 20050615; CZ 387599 A3 20000412; DE 19726551 A1 19981224; DE 59802255 D1 20020110; EP 0991473 A1 20000412; EP 0991473 B1 20011128; ES 2167066 T3 20020501; HK 1027059 A1 20010105; HU 222036 B1 20030328; HU P0002665 A2 20001228; HU P0002665 A3 20010928; JP 2002504854 A 20020212; JP 4694658 B2 20110608; KR 100501710 B1 20050718; KR 20010006515 A 20010126; PL 192373 B1 20061031; PL 337574 A1 20000828; RU 2223148 C2 20040210; TR 199903235 T2 20000721; WO 9858738 A1 19981230; ZA 984653 B 19990128

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