

Title (en)  
KNOCKER WITH SELF-CONTROL

Publication  
**EP 0345484 B1 19930714 (DE)**

Application  
**EP 89108575 A 19890512**

Priority  
DE 3819112 A 19880604

Abstract (en)  
[origin: EP0345484A2] A pneumatic knocker for knocking dust off hopper walls is described, having a housing (1) enclosing an elongate spring space (13) with spring (9), which spring space (13) has a venting bore (7), and closed on one side by an upper wall (20) with hole (10), a valve wall (3) with connecting hole (8), having a piston (2) which can be moved towards the upper wall (20) against the pressure of the spring (9) by means of compressed air, and having a rapid venting valve (3, 8, 10, 11, 14a, 15) located in the region of the valve wall (3) which vents the space (22) under the piston (2) into the spring space (13) by means of an air line (14). <??>In order to extend the control possibilities to the extent that automatic clocked controls are improved, it is proposed according to the invention that a control bore (17) be arranged in the housing side wall (1a), extending radially in the fitting-side third of the height (H) of the housing (1) and connected via a control line (18) to a 3/2-way air valve (16) in the compressed air feed line (19), and that the 3/2-way air valve (16) be connected to the connecting hole (8) in the valve wall (3). <IMAGE>

IPC 1-7  
**B06B 1/18; B65D 88/66; B65D 88/70**

IPC 8 full level  
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CPC (source: EP US)  
**B25D 9/14** (2013.01 - EP US); **B65D 88/66** (2013.01 - EP US)

Cited by  
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