

Title (en)  
SILO EVACUATION DEVICE

Publication  
**EP 0240386 B1 19890215 (FR)**

Application  
**EP 87400423 A 19870226**

Priority  
FR 8604847 A 19860404

Abstract (en)  
1. Device for emptying silos, of the kind whose bottom (1) comprises hollow ribs formed by bent and corrugated metal sheets (2) forming, in combination with said bottom, passages (3) in which air is fed and forming therebetween troughs (10), characterized in that the base of the troughs is formed of extruded sections with trapezoidal cross-section, fixed to the bottom (1) of the silo and whose lateral wings (5) widen outwardly, the internal face (5a) of each wing being covered by the edge of a corrugated metal sheet tunnel (2), the latter being cut out so as to form flaps (8) allowing the air flowing under said tunnels to penetrate into said troughs, the sealing between the latter and said tunnels being obtained by a bed of cement or similar (11) disposed on the bottom (4) of said extruded section.

IPC 1-7  
**B65D 88/72**

IPC 8 full level  
**B65G 53/20** (2006.01); **B65D 88/72** (2006.01)

CPC (source: EP US)  
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Cited by  
FR2841544A1; EP1428770A1; FR2848536A1; WO2004002858A1; FR2658172A1; FR2735111A1; FR2678248A1

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**EP 0240386 A1 19871007; EP 0240386 B1 19890215**; AU 586916 B2 19890727; AU 7051887 A 19871008; BR 8701554 A 19880126; CA 1280994 C 19910305; CN 1004687 B 19890705; CN 87102351 A 19871014; DE 3760052 D1 19890323; ES 2003858 A4 19881201; ES 2003858 B3 19890601; FR 2596737 A1 19871009; FR 2596737 B1 19880902; MX 169062 B 19930621; SU 1600626 A3 19901015; US 4917545 A 19900417

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