

Title (en)
BLAST GUN FOR COMPRESSED AIR.

Title (de)
STRAHLPISTOLE FÜR DRUCKLUFT.

Title (fr)
PISTOLET DE NETTOYAGE A AIR COMPRIME.

Publication
EP 0580711 B1 19951115 (EN)

Application
EP 92909449 A 19920413

Priority
• DK 9200122 W 19920413
• DK 68791 A 19910417

Abstract (en)
[origin: WO9218260A1] The dusting gun is of the type used for removal of dirt and for cleaning purposes, for example cleaning of agricultural implements, motor car undercarriages before treatment of the undercarriage and similar jobs where dirt, dust, oil and other loose or firmly sticking coats are removed with compressed air. The dusting gun is peculiar in that it is equipped with an oscillating pressure discharge valve, which causes a splitting up of the air flow into periodically repeated pressure discharges. The oscillation valve acts automatically under the influence of the static and dynamic pressures of the passing air flow. In practice the pulsating air flow has proved to have markedly better cleaning properties in comparison with the usual dusting guns from which the air is given off in a continuous jet. Especially in the case of firmly sticking impurities does the pulsating air jet have a distinct loosening effect. The splitting up of the air flow into separate pressure discharges (pulses) causes a saving in the consumption of compressed air.

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B08B 3/02; **B08B 5/02**; **B05B 1/08**

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CPC (source: EP)
B05B 1/005 (2013.01); **B05B 1/083** (2013.01); **B05B 1/323** (2013.01); **B08B 5/02** (2013.01)

Cited by
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BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)
WO 9218260 A1 19921029; AU 1656692 A 19921117; AU 655974 B2 19950119; BR 9205897 A 19940726; CA 2108543 A1 19921018; CA 2108543 C 19991123; DE 69206140 D1 19951221; DE 69206140 T2 19960530; DK 170523 B1 19951016; DK 68791 A 19921018; DK 68791 D0 19910417; EP 0580711 A1 19940202; EP 0580711 B1 19951115; ES 2081107 T3 19960216; HU 217286 B 19991228; HU 9302926 D0 19940128; HU T66814 A 19950130; JP 2638302 B2 19970806; JP H06506868 A 19940804; RU 2107558 C1 19980327

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