

Title (en)
Cartridge piston

Title (de)
Kartuschenkolben

Title (fr)
Piston à cartouche

Publication
EP 2428282 B1 20151125 (DE)

Application
EP 11178103 A 20110819

Priority
• EP 10176483 A 20100913
• EP 11178103 A 20110819

Abstract (en)
[origin: EP2428282A1] The piston i.e. ring piston (51), has a piston mantel including a sealing element for forming fluid-tight connection between the sealing element and an inner wall of a storing chamber of a cartridge. The sealing element forms fluid-tight connection between a delivery side (53) and a drive side of a piston body in assembling condition. The piston body includes two ventilation elements (60, 61) through which the conveying and drive sides are connected with each other through a bore hole. A conveying side of the piston body is formed with ventilation slots (71, 73).

IPC 8 full level
B05C 17/005 (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP KR US)
B05C 5/00 (2013.01 - KR); **B05C 11/11** (2013.01 - KR); **B05C 17/00** (2013.01 - KR); **B05C 17/00576** (2013.01 - EP US);
B05C 17/00579 (2013.01 - EP US); **B05C 19/06** (2013.01 - KR); **B65D 83/0033** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US);
B65D 2205/04 (2013.01 - EP US)

Cited by
EP2987560A1; US10350632B2; EP2987601A1; US10654203B2

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