Title (en)
PISTON-CYLINDER UNIT PISTON-CYLINDER UNIT

Publication
EP 0286777 A3 19891206 (DE)

Application
EP 88100290 A 19880112

Priority
DE 3712671 A 19870414

Abstract (en)
[origin: EP0286777A2] In a piston-cylinder unit having piston end-stop damping, which has a damping piston (31) projecting on the end face of the piston (15), which damping piston (31) can be moved into a damping chamber (32) provided on the facing cylinder end, forming a damping gap (38), in order to initiate a return-stroke movement of the piston (15), a flow path is provided which leads from the connection (25) for the hydraulic oil, bypassing the damping gap (38), to the compression chamber (40) bounding the main piston surface (29) of the piston surface (29), and contains a non-return valve (47). This flow path extends inside the piston (15) between an inlet opening on the front end (45) of the damping piston (31), designed as a hollow sleeve, and an aperture (55) leading to the exterior from the inner chamber (43) of this sleeve. <IMAGE>

IPC 1-7
F16J 10/02; F15B 15/22; F15B 1/053

IPC 8 full level
F15B 1/24 (2006.01); F15B 15/22 (2006.01)

CPC (source: EP)
F15B 1/24 (2013.01); F15B 2201/205 (2013.01); F15B 2201/312 (2013.01); F15B 2201/411 (2013.01); F15B 2201/4155 (2013.01)

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Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0286777 A2 19881019; EP 0286777 A3 19891206; DE 3712671 A1 19881027; JP S63308202 A 19881215

DOCDB simple family (application)
EP 88100290 A 19880112; DE 3712671 A 19870414; JP 9263588 A 19880414