

Title (en)

PRINTING CYLINDER WITH A FILLING PIECE IN ITS GROOVE

Publication

EP 0223015 B1 19910403 (DE)

Application

EP 86113159 A 19860924

Priority

DE 3540581 A 19851115

Abstract (en)

[origin: US4742769A] Roll-off shocks of cylinders, typically rubber blanket cylinders with respect to each other, are ameliorated or avoided by inserting a filler element into the groove which is located in the median third of the cylinder, but does not extend over the entire length thereof. The filler element is supported on the bottom of the groove, preferably over a damping or resilient element, and has a dimension which is equal to the outer circumference (44) of the bearer ring or the theoretical pitch circle (45) of a drive gear of the cylinder, with tolerance of not more than about +/-0.05 mm. In order to insert the filler elements into the respective grooves, the cover layers or, if necessary, also the substrate supports of rubber blankets, are removed in the region of the axial length of the filler element. Preferably, the filler elements are made of metal.

IPC 1-7

B41F 13/08; **B41F 27/00**; **B41F 30/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0223015 A2 19870527; **EP 0223015 A3 19881102**; **EP 0223015 B1 19910403**; DE 3540581 A1 19870521; DE 3540581 C2 19890119; DE 3678532 D1 19910508; JP H0777796 B2 19950823; JP S62119039 A 19870530; US 4742769 A 19880510

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