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(54) **Refill mechanism for toner powder**

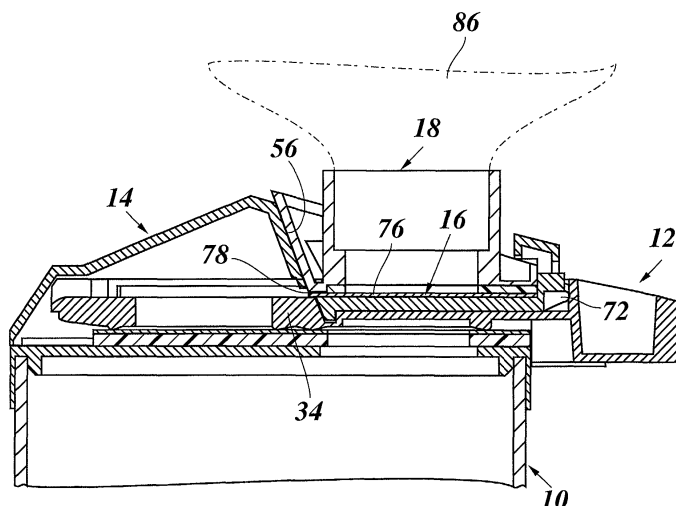
(57) Refill mechanism for filling toner powder from a refill container (86) into a toner reservoir (10) of a copier or printer, comprising:

- a refill opening formed in the top of the toner reservoir (10);
- a drawer (12) slideable between an open position and a closed position for opening and closing the refill opening;
- a spout (18) formed on the refill container (86) and closed by a slide (16); and
- a mounting structure (14) for mounting the spout (18)

on the toner reservoir (10) in a position above the refill opening, such that the slide (16) is engaged in a recess of the drawer (12) and, when the drawer is moved into the open position, is moved together with the drawer for opening the spout (16), so that the toner powder drops into the toner reservoir,

characterized in that the top surface of the slide (16) is covered by a foil (76) which projects over the trailing edge of the slide, as viewed in the direction of the opening movement, and overlaps the adjacent edge of the recess of the drawer (12).

Fig. 11





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EUROPEAN SEARCH REPORT

Application Number
EP 01 20 2681

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 December 2005	Examiner de Vries, A.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03/82 (P04/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82