

Title (en)  
**DEVELOPING APPARATUS**

Publication  
**EP 0161795 B1 19880113 (EN)**

Application  
**EP 85302499 A 19850409**

Priority  
• JP 7252784 U 19840516  
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• JP 7252984 U 19840516

Abstract (en)  
[origin: EP0161795A1] A developing apparatus with a stirring roller for effecting frictional charging of toner particles and uniform mixing of a toner and a carrier, said stirring roller rotating in the same direction as the rotation direction of the developer delivery sleeve and being provided with a plurality of stirring vanes, an earing plate for controlling the earing length of a magnetic brush formed on the developer delivery sleeve, and a developer flow guiding mechanism arranged above the stirring roller, wherein the top end of each stirring vane is bent in the rotation direction of the stirring roller and a notch is formed on each stirring vane, a spiral passage is formed on the stirring roller by the notches of the stirring vanes, and the developer flow guiding mechanism comprises a partition plate and a plurality of guide plates arranged at predetermined intervals at least on the upper face of the partition plate.

IPC 1-7  
**G03G 15/09**

IPC 8 full level  
**B07B 9/00** (2006.01); **G03G 15/08** (2006.01); **G03G 15/09** (2006.01)

CPC (source: EP)  
**B07B 9/00** (2013.01); **G03G 15/0822** (2013.01); **G03G 15/09** (2013.01)

Cited by  
EP0430098A3; US5249019A; EP0215550A1; US4878088A

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