

Title (en)
FEED ROLLER

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Application
EP 90122401 A 19901123

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• JP 31096189 A 19891129

Abstract (en)
[origin: EP0430098A2] In a feed roller for mixing a developer and feeding it to a developing roller, a first mixing wing (40) parallel to a rotating shaft (43) is provided, a second spiral-shape mixing wing (41) is diagonally provided in a manner to cross the first wing (40), and a spiral-shape groove (42) for feeding a powder is formed on the one side located on the forward section with respect to rotating direction and being the powder scraping-up side of the both sides of said second mixing wing (41), along said second mixing wing (41), so as to enhance the feed performance, lateral-mixing performance and lateral-feed performance of the feed roller.

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CPC (source: EP)
B01F 27/05 (2022.01); **G03G 15/0822** (2013.01)

Citation (search report)
• [YD] US 4711551 A 19871208 - FUJIO AKIHIKO [JP], et al
• [YD] EP 0161795 A1 19851121 - MITA INDUSTRIAL CO LTD [JP]
• [AD] JP S6347353 U 19880331
• [AD] JP S60140969 U 19850918

Cited by
CN111686633A; US5614994A; CN114939378A; EP0756211A1; US5715502A; WO9403842A1; EP0529807B1

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