

Title (en)
TONER CONCENTRATION DETECTION

Publication
EP 0292130 B1 19921230 (EN)

Application
EP 88303863 A 19880428

Priority
JP 7486987 U 19870519

Abstract (en)
[origin: EP0292130A2] A toner concentration detecting device for detecting a toner concentration of a two component developer includes a differential transformer (1) which is connected to an oscillating drive (2) and a phase detecting circuit (3). A variable capacitance diode (VCD) is connected between a primary coil (101) and the secondary coils (102, 103) and a variable resistor (VR) is provided to supply the variable capacitance diode (VCD) with a variable DC voltage thereby to select the capacitance of the diode (VCD).

IPC 1-7
G03G 15/08

IPC 8 full level
G01N 27/00 (2006.01); **G01N 27/72** (2006.01); **G03G 15/08** (2006.01)

CPC (source: EP)
G03G 15/0853 (2013.01)

Citation (examination)
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Cited by
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Designated contracting state (EPC)
DE FR GB

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EP 0292130 A2 19881123; EP 0292130 A3 19890614; EP 0292130 B1 19921230; DE 3877054 D1 19930211; DE 3877054 T2 19930429; JP H0633484 Y2 19940831; JP S63187160 U 19881130

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