

Title (en)

Toner concentration detection.

Title (de)

Tonerkonzentrationsermittlung.

Title (fr)

Détection de la concentration de toner.

Publication

**EP 0292130 A2 19881123 (EN)**

Application

**EP 88303863 A 19880428**

Priority

JP 7486987 U 19870519

Abstract (en)

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

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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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