

Title (en)

Printer and method for printing on flat materials

Title (de)

Druckvorrichtung und Verfahren zum Bedrucken von Flächengebilden

Title (fr)

Dispositif d'impression et procédé d'impression de structures plates

Publication

**EP 2428359 B1 20170111 (DE)**

Application

**EP 10405223 A 20101122**

Priority

CH 14672010 A 20100914

Abstract (en)

[origin: EP2428359A1] The printing device (1b) comprises active printing units (5,5e), and a drying unit (9) arranged at the downstream side of the active printing unit for drying the sheets applied with printing ink. An irradiation unit (19a) provided with an electromagnetic radiation source for irradiating the planar structure of tin plate whose surface tension is less than or equal to the surface tension of printing ink, prior to the supply of ink to the printing units, is arranged at the upstream end of the printing unit. An independent claim is included for method of printing on sheet-like structure.

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102019101997A1; DE102019101998A1; CN105026169A; US10434763B2; WO2014152858A1; WO2020156790A1; WO2020156788A1

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**EP 2428359 A1 20120314**; **EP 2428359 B1 20170111**; CH 703704 A1 20120315; DK 2428359 T3 20170424

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