

Title (en)

Printing device, print head for same and method for extraction of printing ink

Title (de)

Druckvorrichtung, Druckkopf hierfür und Verfahren zum Absaugen von Druckfarbe

Title (fr)

Dispositif d'impression, tête d'impression destinée à celui-ci et procédé d'aspiration de couleur d'impression

Publication

**EP 2698256 B1 20190123 (DE)**

Application

**EP 13176464 A 20130715**

Priority

DE 102012214349 A 20120813

Abstract (en)

[origin: EP2698256A1] The printing apparatus (12) has a printing head (16) that is located on an article or container outer surface (14) during a printing operation in a defined position relative to a printing area (18). A suction device (22) is coupled for exhausting sprayed or spattered ink. The suction device is spatially and functionally associated with the printing head. The suction device is arranged in close proximity to the outlet openings in the printing head for the printing ink. The suction device is combined or integrated in a structural unit with the printing head. An independent claim is also included for a method for exhausting sprayed or spattered ink in the immediate vicinity of the outlet openings for printing ink of a print head.

IPC 8 full level

**B41J 2/17** (2006.01); **B41J 3/407** (2006.01)

CPC (source: EP US)

**B41J 2/1714** (2013.01 - EP US); **B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US)

Citation (opposition)

Opponent : KHS GmbH

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- GB 2316364 A 19980225 - LINX PRINTING TECH [GB]
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- JP 2010058441 A 20100318 - MIMAKI ENG KK
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CN113365920A; EP3978260A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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