

Title (en)

Printhead for decorating ceramic substrates

Title (de)

Druckkopf zum Dekorieren von keramischen Substraten

Title (fr)

Têtes d'impression pour décorer des substrats céramiques

Publication

**EP 2842753 B1 20210120 (EN)**

Application

**EP 13425119 A 20130829**

Priority

EP 13425119 A 20130829

Abstract (en)

[origin: EP2842753A1] A printhead (20) comprising: a chamber (22); an actuator element (30) located outside the chamber (22), wherein the actuator element (30) is coupled to an obturator (31); and a separator element (26) located between the chamber (2) and the actuator element (30), characterized in that a portion of the obturator (31) is located within the chamber (22) and operable to move from a first position inside the chamber (22) to a second position inside the chamber (22) on actuation of the actuator element (30), whereby the actuator element is isolated from the fluid chamber during printing.

IPC 8 full level

**B41J 2/14** (2006.01)

CPC (source: EP)

**B41J 2/14201** (2013.01); **B41J 3/407** (2013.01); **B41J 2202/05** (2013.01); **B41J 2202/12** (2013.01)

Citation (examination)

- WO 2015015453 A1 20150205 - INGEGNERIA CERAMICA SRL [IT]
- WO 2015015451 A1 20150205 - INGEGNERIA CERAMICA SRL [IT]

Cited by

ITUB20153006A1; IT201700019466A1; EP3698880A1; US2023339176A1; US12030247B2; EP3300889A1; US2016176187A1; US9586395B2; US11944990B2; US10788028B2; US10315432B2; US11154892B2; US10286651B2; US11167297B2; ITUA20164471A1; CN109311323A; EP3695976A3; IT201900002151A1; WO2017216713A1; WO2017025830A1; US10384227B2; US11338312B2; US10697449B2; US11067073B2; US10364910B2; US11167302B2; US11167308B2; US11440035B2; TWI606936B; US11298717B2; US11504735B2; US11878317B2; US11203030B2; US11813630B2; US11975345B2; US10647120B2; EP3695976A2

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