

Title (en)  
DETERMINING SYSTEM AND PRINTING FLUID CARTRIDGE

Title (de)  
BESTIMMUNGSSYSTEM UND DRUCKFLÜSSIGKEITSKARTUSCHE

Title (fr)  
SYSTÈME DE DÉTERMINATION ET CARTOUCHE DE FLUIDE D'IMPRESSION

Publication  
**EP 3208094 B1 20200826 (EN)**

Application  
**EP 16190341 A 20160923**

Priority  
JP 2016029376 A 20160218

Abstract (en)  
[origin: EP3208094A1] A determining system includes a cartridge-mounting portion, a photosensor, and a controller. A printing fluid cartridge is mountable in the cartridge-mounting portion. The printing fluid cartridge includes a storage storing type information indicating a type of the printing fluid cartridge and an identification portion having a unique light transmission status differing depending on the type of the printing fluid cartridge. The photosensor disposed at the cartridge-mounting portion. The photosensor is configured to detect the unique light transmission status of the identification portion and output a signal differing depending on the detected unique light transmission status. The controller is configured to perform: (a) reading the type information from the storage of the printing fluid cartridge that is in a mounted state; and (b) determining the type of the printing fluid cartridge on the basis of both the read type information and the signal outputted from the photosensor.

IPC 8 full level  
**B41J 2/175** (2006.01)

CPC (source: CN EP)  
**B41J 2/07** (2013.01 - CN); **B41J 2/17546** (2013.01 - EP)

Cited by  
WO2019186855A1; US10421284B2; US10773525B2; US11351792B2; US11890875B2

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