

Title (en)  
Image forming apparatus

Title (de)  
Bilderzeugungsvorrichtung

Title (fr)  
Appareil de formation d'images

Publication  
**EP 2143560 B1 20101110 (EN)**

Application  
**EP 09251718 A 20090703**

Priority  
JP 2008179667 A 20080710

Abstract (en)  
[origin: EP2143560A1] An image forming apparatus includes a carriage (5) which scans in a main scanning direction by being moved and includes a recording head (6) having nozzles for ejecting liquid droplets, a first mark (31) and a second mark (32) disposed at positions facing a nozzle surface (6n) of the recording head (6) by having different heights from each other, a mark reading sensor (33) attached to the carriage (5) for detecting the first mark (31) and the second mark (32), and a slant angle detecting unit which detects a slant angle of the carriage (5) in a height direction relative to the main scanning direction based on a detection result by the mark reading sensor (33).

IPC 8 full level  
**B41J 2/01** (2006.01); **B41J 2/175** (2006.01); **B41J 25/304** (2006.01)

CPC (source: EP)  
**B41J 2/04556** (2013.01); **B41J 2/04586** (2013.01); **B41J 2/1752** (2013.01); **B41J 2/2135** (2013.01); **B41J 25/308** (2013.01)

Cited by  
EP2635015A3; US9286551B2

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
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