

Title (en)

DEFORMATION DETECTION FOR PRINT MEDIA

Title (de)

VERFORMUNGSERKENNUNG FÜR DRUCKMEDIEN

Title (fr)

DÉTECTION DE DÉFORMATION POUR SUPPORTS D'IMPRESSION

Publication

**EP 3450184 B1 20210421 (EN)**

Application

**EP 18190060 A 20180821**

Priority

EP 17189004 A 20170901

Abstract (en)

[origin: EP3450184A1] An apparatus (20) for deformation detection in a sheet printing system (1) comprising a sheet quality detection device (21) configured for sensing sheets (S) on a transport path (PP). The sheet quality detection device (21) comprises an emitter (23) for emitting an emission beam (B) towards a sheet (S) on the sheet sensing transport path (PP). The emitter (23) is mounted on a support beam (25B) extending laterally over a width of the sheet sensing transport path (PP). Adjusting means (24, 24') allow for adjusting and setting an angle ( $\pm$ ) between the support beam (25B) and a plane (32) of the sheet sensing transport path (PP). By tilting the support beam (25B), the angle ( $\pm$ ) of the optical beam (B) may be easily and accurately adjusted to align the optical beam (B).

IPC 8 full level

**B41J 11/00** (2006.01); **B41J 13/00** (2006.01)

CPC (source: EP)

**B41J 11/0015** (2013.01); **B41J 11/0095** (2013.01); **B41J 13/0027** (2013.01); **B41J 2203/011** (2020.08)

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)

**EP 3450184 A1 20190306; EP 3450184 B1 20210421**

DOCDB simple family (application)

**EP 18190060 A 20180821**