

Title (en)
HEATING CONTROL APPARATUS AND PRINTING APPARATUS

Title (de)
HEIZUNGSSTEUERUNGSGERÄT UND DRUCKGERÄT

Title (fr)
APPAREIL DE COMMANDE DE CHAUFFAGE ET IMPRIMANTE

Publication
EP 4070962 A1 20221012 (EN)

Application
EP 22163176 A 20220321

Priority
JP 2021065587 A 20210408

Abstract (en)
Provided is a heating control apparatus capable of reducing a risk of damaging a conveyance member that conveys a planar conveyed object due to residual heat of a heat source that heats the conveyance member in a case printing ends and driving of the heat source is stopped. The heating control apparatus that controls heating of a belt (20) that conveys a fabric (60) in a state in the fabric (60) is in close contact with a conveyance surface including an adhesive layer includes: a heater (41) disposed to face the belt (20); a shielding plate (43) provided to be movable forward and backward between a shielding position at which radiation of heat from the heater (41) to the belt (20) is shielded and a retraction position retracted from the shielding position; and a driving unit (46), a drive circuit (48), and a control circuit (50) that perform control to advance the shielding plate (43) to the shielding position in a case where the conveyance of the belt (20) is stopped.

IPC 8 full level
B41J 3/407 (2006.01)

CPC (source: EP)
B41J 3/4078 (2013.01); **B41J 11/00242** (2021.01); **B41J 11/007** (2013.01)

Citation (applicant)
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• JP 2006176267 A 20060706 - KONICA MINOLTA HOLDINGS INC
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Citation (search report)
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• [YA] US 2014028768 A1 20140130 - CHEN WEN [US]
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• [Y] US 9266348 B1 20160223 - LEFEVRE JASON MATTHEW [US]

Designated contracting state (EPC)
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