

Title (en)
HAIR STYLING DEVICE

Title (de)
HAARSTYLINGVORRICHTUNG

Title (fr)
DISPOSITIF DE COIFFURE

Publication
EP 4294232 A1 20231227 (EN)

Application
EP 22705060 A 20220215

Priority
• EP 21157312 A 20210216
• EP 2022053564 W 20220215

Abstract (en)
[origin: EP4042900A1] A hair styling device (1) comprises a hair styling component (11, 13), a heating mechanism (20) configured to heat the hair styling component (11, 13), a component temperature sensor (21) configured to detect a temperature of the hair styling component (11, 13), a hair temperature sensor (22) configured to detect a temperature of hair faced by the hair styling component (11, 13) during operation of the hair styling device (1), and a controller (23) configured to receive input from at least both temperature sensors (21, 22), and to process the inputs to control operation of the heating mechanism (20).

IPC 8 full level
A45D 1/06 (2006.01); **A45D 1/28** (2006.01); **A45D 2/00** (2006.01)

CPC (source: CN EP KR US)
A45D 1/04 (2013.01 - CN); **A45D 1/06** (2013.01 - EP KR); **A45D 1/28** (2013.01 - CN EP KR); **A45D 2/001** (2013.01 - CN EP KR US); **A45D 6/20** (2013.01 - CN US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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EP 21157312 A 20210216; CN 202210136662 A 20220215; CN 202220332513 U 20220215; EP 2022053564 W 20220215; EP 22705060 A 20220215; JP 2023548649 A 20220215; KR 20237031446 A 20220215; US 202218275449 A 20220215