

Title (en)

Hair dryer with nozzle divided in two individual ducts

Title (de)

Haartrockner mit einer Düse, die in zwei individuelle Luftkanäle geteilt ist

Title (fr)

Sèche-cheveux avec une buse divisée en deux conduits individuels

Publication

**EP 1985197 B1 20100217 (EN)**

Application

**EP 08006935 A 20080407**

Priority

JP 2007114709 A 20070424

Abstract (en)

[origin: EP1985197A1] A hair dryer with a nozzle designed to effectively spread out the wetted hair strands for enhanced drying capability. The nozzle is configured to have its interior space divided into a plurality of individual ducts by a separation plane extending radially about a center axis. A weak flow zone where no direct air flow is given from the nozzle is formed downstream of the separation plane and between strong flow zones respectively formed downstream of the individual ducts to flow the forced air flow directly therefrom. With the provision of the localized strong flow zones separated by the weak flow zone, the nozzle can develop a waved air flow of varying flow rate, thereby enabling to spread out the wetted hair strands and therefore increase chances of exposing the hair to the air flow for expediting the hair drying.

IPC 8 full level

**A45D 20/12** (2006.01)

CPC (source: EP KR US)

**A45D 20/12** (2013.01 - EP KR US); **A45D 20/34** (2013.01 - KR)

Cited by

GB2544881A; CN108523371A; IT201900020314A1; GB2540203A; GB2540203B; AU2016294495B2; WO2016042315A1; US10143285B2; WO2021090155A1; TWI614455B

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DOCDB simple family (publication)

**EP 1985197 A1 20081029; EP 1985197 B1 20100217**; AT E457664 T1 20100315; CN 101292807 A 20081029; CN 101292807 B 20100714; CN 201213548 Y 20090401; DE 602008000640 D1 20100401; HK 1123464 A1 20090619; JP 2008264391 A 20081106; JP 4420059 B2 20100224; KR 100993921 B1 20101111; KR 20080095788 A 20081029; RU 2008116110 A 20091027; RU 2377945 C1 20100110; US 2008263887 A1 20081030

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