

Title (en)  
BATTERY-OPERATED HAIR DRYER

Title (de)  
BATTERIEBETRIEBENER HAARTROCKNER

Title (fr)  
SÈCHE-CHEVEUX PAR BATTERIE

Publication  
**EP 3632258 A1 20200408 (EN)**

Application  
**EP 18207951 A 20181123**

Priority  
EP 18198507 A 20181003

Abstract (en)  
A battery-operated hair dryer comprises a battery (B), and a fan (F) propelled by a motor (M) that is powered by the battery (B), and that has static air flow-shaping vanes (V) that serve to cool the battery (B) that is mounted adjacent to the fan (F). Preferably, the battery (B) is positioned adjacent to a motor mount (MM) of the motor (M) of the fan (F). Advantageously, the battery (B) is at least partly positioned in a handle of the battery-operated hair dryer, the fan (F) being positioned adjacent to the handle.

IPC 8 full level  
**A45D 20/12** (2006.01)

CPC (source: EP)  
**A45D 20/12** (2013.01)

Citation (applicant)  
• US 2018233788 A1 20180816 - GOLDMAN RYAN [US], et al  
• EP 2255692 A1 20101201 - ONDAL FRISEURTECHNIK GMBH [DE]

Citation (search report)  
• [X] US 9526311 B1 20161227 - SCHAEFER EILEEN BONNIE [US], et al  
• [X] EP 2255692 A1 20101201 - ONDAL FRISEURTECHNIK GMBH [DE]

Cited by  
US2022022622A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3632258 A1 20200408**; EP 3632257 A1 20200408

DOCDB simple family (application)  
**EP 18207951 A 20181123**; EP 18198507 A 20181003