

# US Patent & Trademark Office

## Patent Public Search | Text View

---

United States Design Patent	D1087682
Kind Code	S
Date of Patent	August 12, 2025
Inventor(s)	Liang; Bingcan et al.

---

### Air fryer

---

**Inventors:** Liang; Bingcan (Guangdong, CN), Cao; Jiawei (Guangdong, CN), Cao; Yuxin (Guangdong, CN), Li; Jianping (Guangdong, CN), Huang; Yingwen (Guangdong, CN), Zhang; Chunyu (Guangdong, CN), Deng; Zhipeng (Guangdong, CN)

**Applicant:** FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD. (Foshan, CN)

**Assignee:** FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MANUFACTURING CO., LTD. (Foshan, CN)

**(\*\*) Term:** 15 Years **Appl. No.:**

35/521517

**Filed:**

June 27, 2023

### Foreign Application Priority Data

CN	202230864964.6	Dec. 27, 2022
CN	202230865051.6	Dec. 27, 2022
CN	202230874028.3	Dec. 30, 2022
CN	202330022453.4	Feb. 01, 2023
CN	202330022478.4	Feb. 01, 2023

### Hague Agreement Data

<b>Int. Filing Date:</b>	Jun. 27, 2023
<b>Int. Reg. No.:</b>	DM/231159
<b>Int. Reg. Date:</b>	Jun. 27, 2023
<b>Int. Reg. Pub. Date:</b>	Jun. 28, 2024

### Publication Classification

**LOC Cl.:** 0702

**U.S. Cl.:**

## Field of Classification Search

**CPC:** A21B (1/00); A21B (1/04); A21B (1/08); A21B (1/10); A21B (1/22); A21B (1/24); A21B (1/26); A21B (1/33); A21B (1/36); A21B (1/40); A21B (1/50); A21B (1/52); A47J (27/00); A47J (27/08); A47J (27/09); A47J (27/092); A47J (36/025); A47J (36/06); A47J (36/08); A47J (36/10); A47J (36/12); A47J (36/18); A47J (36/20); A47J (36/22); A47J (36/38); A47J (36/165); A47J (37/00); A47J (37/0623); A47J (37/0629); A47J (37/0635); A47J (37/0641); A47J (37/0647); A47J (37/12); A47J (37/129); A47J (37/1214); A47J (37/1219); A47J (37/1266); A47J (37/1285); A47J (37/1295); G07F (17/0064); G07F (17/0078); G07F (17/0085); H05B (6/02); H05B (6/06); H05B (6/12)

**USPC:** D7/323; D7/328-330; D7/339; D7/347; D7/350.3; D7/350.4; D7/354; D7/355; D7/357; D7/360; D7/361; D7/367; D21/523; D21/524; D21/525

---

## Description

- (1) 3. Air Fryer
- (2) **3.1** Front view
- (3) **3.2** Back view
- (4) **3.3** Left view
- (5) **3.4** Right view
- (6) **3.5** Top view
- (7) **3.6** Bottom view
- (8) **3.7** Perspective view

## Claims

The ornamental design for an air fryer, as shown and described.

---