

Title (en)
PERFORATED DIE STAMPING FIREWORKS CAKE

Title (de)
PERFORIERTER STEMPELGEPRÄGTER FEUERWERKSKUCHEN

Title (fr)
GÂTEAU FEU D'ARTIFICE PERFORÉ À ESTAMPAGE

Publication
EP 3569971 A1 20191120 (EN)

Application
EP 19174388 A 20190514

Priority
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Abstract (en)
The present invention discloses a kind of perforated die stamped fireworks cake, which comprises a firework body (1), which comprises several firework barrels (2) which are vertically disposed and opened on the top side of said firework body (1) are evenly distributed and in the middle of the firework body (1), and also comprises second orifices of diamond shape (4) distributed among each firework barrel (2), and also comprises circular shaped first orifices (3) distributed at the outer area of the firework body among each firework barrel (2). In the present invention, the design of the circular and diamond shaped orifices can reduce total weight of fireworks cakes, and especially, for exportation of small sized fireworks cake. Thus, this lower weight results in a greater transportation and a lower price of containers. In addition, with the circular and diamond shaped orifice design, heat radiation is greatly facilitated, and in case one of the firework barrels exploded, the explosion would not extend to the surrounding ones, which is safer.

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Citation (search report)
• [XY] CN 104390525 B 20160323
• [YA] CN 201503237 U 20100609 - HUNAN PROVINCE CHANGDE CITY KELITE ADVANCED MATERIALS CO LTD, et al
• [A] CN 106871734 A 20170620 - LU SHANHE

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