

Title (en)  
PORTABLE FROZEN CONFECTION MACHINE

Title (de)  
TRAGBARE EISKONFEKTMASCHINE

Title (fr)  
MACHINE PORTABLE DE PRODUCTION DE CONFISERIES CONGELÉES

Publication  
**EP 3535532 A4 20201021 (EN)**

Application  
**EP 17868305 A 20171101**

Priority  
• US 201615340955 A 20161101  
• US 2017059587 W 20171101

Abstract (en)  
[origin: WO2018085443A1] The disclosure extends to apparatuses, methods, and systems, for producing frozen confections and conditioning ice for use in frozen confections. A frozen confection machine includes a hopper portion for receiving ice into an interior, and a motor configured to rotate a drive shaft, a blade to condition the ice in the hopper during rotation of the motor. The frozen confection machine also includes a lid for selectively covering the interior of the hopper, a bias member for biasing the lid away from a closed position, and a switch for causing the motor to actuate in response to the lid being pressed to a closed position.

IPC 8 full level  
**F25C 5/12** (2006.01); **A23G 9/04** (2006.01); **A23G 9/08** (2006.01); **A23G 9/22** (2006.01); **B02C 18/00** (2006.01); **B02C 18/06** (2006.01); **B02C 18/18** (2006.01)

CPC (source: CN EP)  
**A23G 9/045** (2013.01 - EP); **A23G 9/08** (2013.01 - EP); **A23G 9/22** (2013.01 - EP); **A23G 9/28** (2013.01 - EP); **F25C 5/12** (2013.01 - CN EP); **F25C 2301/002** (2013.01 - EP)

Citation (search report)  
• [A] JP H0791785 A 19950404 - TEC CORP  
• [A] US 2005126201 A1 20050616 - NAVEDO JOSE E [US], et al  
• [A] US 6213007 B1 20010410 - LANDE ARNOLD J [US]  
• [A] AU 597398 B2 19900531 - JOHN MICHAEL HERBERT  
• [A] US 2015342218 A1 20151203 - RUPP CARL A [US]  
• See references of WO 2018085442A1

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US11819814B1; US11759057B1; US11882965B1; USD1020383S; USD1039911S; USD1041250S; US12048395B2; USD1019255S; USD1042011S

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2018085443 A1 20180511**; **WO 2018085443 A4 20180607**; CA 3042508 A1 20180511; CA 3042508 C 20210615; CA 3115950 A1 20180511; CN 110168296 A 20190823; CN 114526567 A 20220524; EP 3535532 A1 20190911; EP 3535532 A4 20201021; WO 2018085442 A1 20180511; WO 2018085442 A4 20180607; WO 2018085445 A1 20180511; WO 2018085445 A4 20180628

DOCDB simple family (application)  
**US 2017059588 W 20171101**; CA 3042508 A 20171101; CA 3115950 A 20171101; CN 201780081756 A 20171101; CN 202210194474 A 20171101; EP 17868305 A 20171101; US 2017059587 W 20171101; US 2017059590 W 20171101