

Title (en)
Mixing device

Title (de)
Dispositif mélangeur

Title (fr)
Dispositif de mélange

Publication
EP 1990085 A2 20081112 (EN)

Application
EP 08155682 A 20080506

Priority
NL 2000633 A 20070507

Abstract (en)
Mixing device (1) provided with an inlet (13), a conveyor member for conveying a substance fed in via the inlet in a conveying direction, a heating element for heating the substance, a motor (11) for driving the conveyor member, an outlet which is situated at a distance from the mixing element in the conveying direction, which outlet can be closed off by means of a movable closure element (35) which is connected to a drive device (24) for closing and opening the outlet by means of the closure element, and a temperature sensor situated near the outlet, in which the temperature sensor, the motor and the drive device are connected to a control unit which is designed to close the closure element at a predetermined temperature and to rotate the motor of the conveyor member in a transport direction of rotation until a predetermined pressure has built up, and then to reverse the direction of rotation of the motor at least once until a predetermined set temperature value is reached, upon which the control device moves the closure element, opens the outlet and the motor rotates in the transport direction of rotation.

IPC 8 full level
B01F 7/04 (2006.01); **B01F 15/02** (2006.01); **B01F 15/06** (2006.01)

CPC (source: EP US)
B01F 27/70 (2022.01 - EP); **B01F 35/2115** (2022.01 - EP); **B01F 35/212** (2022.01 - EP); **B01F 35/213** (2022.01 - EP); **B01F 35/2209** (2022.01 - EP); **B01F 35/30** (2022.01 - EP); **B01F 35/32** (2022.01 - EP US); **B01F 35/332** (2022.01 - EP); **B01F 35/4521** (2022.01 - EP); **B01F 35/751** (2022.01 - EP); **B01F 35/91** (2022.01 - EP); **B01F 35/92** (2022.01 - EP); **B01F 2035/99** (2022.01 - EP); **B01F 2101/06** (2022.01 - EP)

Citation (applicant)
WO 0108862 A1 20010208 - QUEBEC CENTRE RECH IND [CA], et al

Cited by
IT201600109942A1; EP2316562A1; CN102711971A; EP2672816A4; CN102413700A; ITMI20090837A1; US8827541B2; US11142488B2; WO2010130375A3; WO2017054992A1; US10159945B2; US10343125B2; WO2014170450A1; WO2014189385A3; WO2011051154A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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