

Title (en)
NOZZLE FOR AN EXTRUDER

Title (de)
DÜSE FÜR EINEN EXTRUDER

Title (fr)
BUSE POUR EXTRUDEUSE

Publication
EP 3573483 A1 20191204 (EN)

Application
EP 18701395 A 20180126

Priority
• EP 17153567 A 20170127
• DK 2018050015 W 20180126

Abstract (en)
[origin: WO2018137744A1] The present invention provides a nozzle for extruding a food or feed substance into a corresponding food or feed extrudate. The nozzle comprises an outlet section having one or more inlet ports for receiving the substance, and one or more outlet ports for providing the extrudate, the outlet section comprising, considered in a downstream direction of the nozzle, a first section having a first minimum flow area, the first section being immediately followed by a second section having a second minimum flow area which is lower than the first minimum flow area, the second section being immediately followed by a third section having a third minimum flow area which is higher than the second minimum flow area, the third section being immediately followed by a fourth section having a fourth minimum flow area which is lower than the third minimum flow area, a downstream end of the fourth section forming the one or more outlet ports, an upstream end of the first section forming the one or more inlet ports, a highest flow area in the outlet section being at most 10 times a flow area of the one or more outlet ports.

IPC 8 full level
A23N 17/00 (2006.01); **A23P 30/20** (2016.01); **B29C 48/05** (2019.01); **B29C 48/07** (2019.01); **B29C 48/12** (2019.01); **B29C 48/30** (2019.01)

CPC (source: EP US)
A23N 17/005 (2013.01 - EP US); **A23P 30/20** (2016.07 - EP); **B29C 48/022** (2019.01 - EP US); **B29C 48/05** (2019.01 - EP US); **B29C 48/07** (2019.01 - EP US); **B29C 48/12** (2019.01 - EP US); **B29C 48/131** (2019.01 - EP US); **B29C 48/345** (2019.01 - EP US); **B29C 48/92** (2019.01 - EP US)

Citation (search report)
See references of WO 2018137744A1

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)
WO 2018137744 A1 20180802; EP 3573483 A1 20191204

DOCDB simple family (application)
DK 2018050015 W 20180126; EP 18701395 A 20180126