

Title (en)
DEVICE FOR PRODUCING EXPANDED MINERAL GRANULATED MATERIAL

Title (de)
VORRICHTUNG ZUR HERSTELLUNG EINES GEBLÄHTEN MINERALGRANULATS

Title (fr)
DISPOSITIF POUR LA PRODUCTION D'UN GRANULAT MINÉRAL SOUFFLÉ

Publication
EP 3788015 A1 20210310 (DE)

Application
EP 19724333 A 20190429

Priority
• AT 503672018 A 20180502
• AT 2019050016 W 20190429

Abstract (en)
[origin: WO2019210338A1] The invention relates to a device for producing expanded mineral granulated material, comprising a heated processing channel (1) for the mineral granulated material charged to a conveying flow (13). In order to configure a device of the type described above in such a way that a continuous, qualitatively controllable production process is achieved, it is proposed that an inflow opening (4) is provided in the processing channel (1) for forming a granulate-free laminar flow (5) extending along the inner wall of the processing channel.

IPC 8 full level
C03B 19/10 (2006.01); **C04B 20/06** (2006.01); **F27B 1/08** (2006.01)

CPC (source: AT EP US)
C03B 19/109 (2013.01 - EP); **C04B 14/12** (2013.01 - AT); **C04B 14/14** (2013.01 - US); **C04B 20/06** (2013.01 - AT US); **C04B 20/066** (2013.01 - EP US); **F27B 9/24** (2013.01 - US); **F27D 3/18** (2013.01 - US); **F27D 2001/005** (2013.01 - US); **F27D 2003/0006** (2013.01 - US); **F27D 2003/185** (2013.01 - US); **F27D 2005/0087** (2013.01 - US); **F27M 2001/03** (2013.01 - US)

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 2019210338 A1 20191107; AT 521346 A4 20200115; AT 521346 B1 20200115; EP 3788015 A1 20210310; US 12013184 B2 20240618; US 2021396471 A1 20211223

DOCDB simple family (application)
AT 2019050016 W 20190429; AT 503672018 A 20180502; EP 19724333 A 20190429; US 201917052288 A 20190429