

Title (en)  
DISPERSER

Title (de)  
DISPERGATOR

Title (fr)  
DISPERSEUR

Publication  
**EP 3683354 A1 20200722 (EN)**

Application  
**EP 19152234 A 20190117**

Priority  
EP 19152234 A 20190117

Abstract (en)  
The disperser plate (3, 8) comprises, in a radial direction (RD) thereof, a feed zone (16), a mixing zone (17) and a refining zone (18). The refining zone (18) comprises elongated projecting parts (5c, 10c) extending in a non-radial direction relative to the radial direction (RD) of the disperser plate (3, 8), and cavities (24) extending between the elongated projecting parts (5c, 10c). A width ( $W_{24}$ ) of the cavities (24) in the refining zone (18) are at least about twice of the width of the elongated projecting parts (5c, 10c). The disperser plate (3, 8) further comprises dams (25) extending between at least some neighbouring elongated projecting parts (5c, 10c) in a position deviating from a perpendicular position relative to the direction of the extension of the elongated projecting parts (5c, 10c).

IPC 8 full level  
**D21D 1/00** (2006.01); **D21D 1/24** (2006.01); **D21D 1/30** (2006.01)

CPC (source: EP)  
**D21D 1/008** (2013.01); **D21D 1/24** (2013.01); **D21D 1/306** (2013.01)

Citation (applicant)

- US 2005194482 A1 20050908 - CASSIDY DANNY [GB]
- EP 2743397 A1 20140618 - ANDRITZ INC [US]
- EP 2743397 A1 20140618 - ANDRITZ INC [US]

Citation (search report)

- [X] US 2012018549 A1 20120126 - GINGRAS LUC [GB]
- [AD] EP 2743397 A1 20140618 - ANDRITZ INC [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)  
**EP 3683354 A1 20200722**

DOCDB simple family (application)  
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