

Title (en)
MIXING PROCESS AND MIXING ARRANGEMENT

Title (de)
MISCHVERFAHREN UND MISCHANORDNUNG

Title (fr)
PROCÉDÉ ET INSTALLATION DE MÉLANGE

Publication
EP 2566611 B1 20140611 (DE)

Application
EP 11717982 A 20110418

Priority
• DE 102010028573 A 20100505
• EP 2011056123 W 20110418

Abstract (en)
[origin: WO2011138162A1] The invention relates to a process and to an apparatus for mixing several fluids (1, 2), at least one fluid (2) being formed at least partly by a chemical, into a main stream (6) bounded by a channel wall (5). In this process, very substantially comprehensive mixing of a chemical into the main stream (6) is to be achieved by injecting a first fluid (1) into the main stream (6) at least partly in flow direction (7) of the main stream (6) upstream of a second fluid (2), and the inlet site of the second fluid (2) into the main stream (6) being further removed from the channel wall (5) than the inlet site of the first fluid (1) into the main stream (6).

IPC 8 full level
B01F 5/04 (2006.01); **D21F 1/02** (2006.01); **D21H 23/20** (2006.01)

CPC (source: EP)
B01F 25/314 (2022.01); **B01F 25/3142** (2022.01); **B01F 25/31422** (2022.01)

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

DOCDB simple family (publication)
DE 102010028573 A1 20111110; CN 102971066 A 20130313; CN 102971066 B 20160803; EP 2566611 A1 20130313;
EP 2566611 B1 20140611; WO 2011138162 A1 20111110

DOCDB simple family (application)
DE 102010028573 A 20100505; CN 201180033346 A 20110418; EP 11717982 A 20110418; EP 2011056123 W 20110418