Title (en)
METHOD AND LIQUID MIXING SYSTEM FOR PROVIDING A LIQUID/FOAM MIXTURE

Title (de)
VERFAHREN UND FLÜSSIGKEITS-MISCHSYSTEM ZUR BEREITSTELLUNG EINES FLÜSSIGKEITS-SCHAUMGEMISCHES

Title (fr)
PROCÉDÉ ET SYSTÈME DE MÉLANGE DE LIQUIDE POUR FOURNIR UN MÉLANGE LIQUIDE/MOUSSE

Publication
EP 4142894 A1 20230308 (DE)

Application
EP 21733045 A 20210428

Priority
• AT 503672020 A 20200429
• AT 2021060149 W 20210428

Abstract (en)
[origin: WO2021217193A1] The invention relates to a method and to a liquid mixing system (1) for providing a liquid/foam mixture by mixing water with at least one additive (4, 35). The liquid mixing system (1) comprises a water pressure source (2), an additive storage unit (3, 32), an air compressor unit (5) having a compressor (6) and a drive device (7), first and second mixing devices (8, 10), a discharge unit (13) and a plurality of different pipe networks (16, 18, 20) for the various media. The drive device (7) is a water engine or a water turbine, the water supply line (23) of which is connected by piping to the water pressure source (2).

IPC 8 full level
A62C 5/02 (2006.01); **A62C 5/00** (2006.01)

CPC (source: AT EP US)
A62C 5/002 (2013.01 - AT EP US); **A62C 5/008** (2013.01 - AT EP US); **A62C 5/02** (2013.01 - AT); **A62C 5/022** (2013.01 - EP US); **B01F 23/2323** (2022.01 - US); **B01F 23/235** (2022.01 - 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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021217193 A1 20211104; AT 523064 A4 20210515; AT 523064 B1 20210515; CN 115715222 A 20230224; CN 115715222 B 20240312; EP 4142894 A1 20230308; EP 4142894 B1 20240619; US 2023191174 A1 20230622

DOCDB simple family (application)
AT 2021060149 W 20210428; AT 503672020 A 20200429; CN 202180045156 A 20210428; EP 21733045 A 20210428; US 202117922030 A 20210428