

Title (en)
SYSTEM AND METHOD FOR SIDESTREAM MIXING

Title (de)
SYSTEM UND VERFAHREN ZUM SEITENSTROMMISCHEN

Title (fr)
SYSTÈME ET PROCÉDÉ DE MÉLANGE À FLUX LATÉRAL

Publication
EP 2969157 A4 20161102 (EN)

Application
EP 14774106 A 20140311

Priority

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Abstract (en)
[origin: WO2014159379A1] Systems and methods are provided for sidestream mixing. The system may include a first junction formed from a plurality of conduits. The plurality of conduits may include a first conduit fluidly coupled to a compressor, the first conduit forming a first conduit diameter and configured to flow therethrough a first process fluid stream of a plurality of process fluid streams. The plurality of conduits may also include a second conduit fluidly coupled to the first conduit and the compressor, and configured to flow therethrough a second process fluid stream of the plurality of process fluid streams. The first junction may be disposed a first distance at least three times the first conduit diameter upstream of the compressor, such that the first process fluid stream and the second process fluid stream are mixed and form a first combined process fluid stream prior to being fed into and pressurized in the compressor.

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CPC (source: EP)
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Citation (search report)

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- [XA] US 2013058800 A1 20130307 - SITES OMAR ANGUS [US]
- [XA] JP S4875952 A 19731012
- [A] JP S5364307 U 19780530
- See references of WO 2014159379A1

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