

Title (en)
OSMOTIC CONCENTRATION.

Title (de)
OSMOTISCHE KONZENTRIERUNG.

Title (fr)
CONCENTRATION OSMOTIQUE.

Publication
EP 0683631 A4 19960904 (EN)

Application
EP 94903482 A 19931206

Priority

- US 9311824 W 19931206
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- US 11327993 A 19930827

Abstract (en)
[origin: WO9413159A1] There is disclosed an osmotic concentration cell wherein the flow chamber of the osmotic concentration cell has a continually changing flow path to provide a region of high turbulence to a semipermeable membrane defining the flow chamber. High turbulence at a first semipermeable membrane interface significantly reduces membrane fouling during osmotic concentration and allows for concentration cell to be used for a variety of purposes including, for example, producing low alcohol wine, concentrating a thin wine into a premium wine, concentrating a low quality grape juice into a higher quality grape juice for fermenting a more premium wine, concentrating various fruit or vegetable juices, and concentrating various beverages, such as teas or coffee.

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Citation (search report)

- [A] GB 2188563 A 19871007 - SHELL INT RESEARCH
- [A] FR 2362651 A1 19780324 - CHIRANA KONCERN [CS]
- [A] WO 8603135 A1 19860605 - SYRINX RES PTY LTD [AU]
- See also references of WO 9413159A1

Designated contracting state (EPC)
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