

Title (en)
FERMENTATION TANK WINE PRESS

Title (de)
GÄRUNGSBEHÄLTER-WEINPRESSE

Title (fr)
PRESOIR A CUVE DE FERMENTATION

Publication
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Application
EP 03809557 A 20031008

Priority

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Abstract (en)
[origin: WO2004037529A1] A novel wine making apparatus includes an engaging mechanism for engaging a fermentation tank, and a press mechanism for pressing the wine making ingredients in the tank against an inner surface of the tank. In a particular embodiment, the engaging mechanism includes a tray for receiving the tank, and the press mechanism includes a press plate for pressing the contents of the tank against an inner surface of the tank. The engaging mechanism is moveably coupled to the press plate, and the wine making apparatus includes at least one drive mechanism to move the tank with respect to the press plate, in order to press the ingredients within the tank. In another particular embodiment a tank has a pair of forklift attachment points and a movable platform on a wine press mechanism is adapted for receiving the forklift attachment points. A lifting apparatus raises the platform and tank such that the contents of the tank are crushed by a relatively fixed plate above the tank. A pair of hydraulic rams are connected in series such that fluid output from one raises the other, thereby assuring that the platform and tank are evenly raised. A novel method of making wine is also disclosed, and includes loading a tank with ingredients, fermenting the ingredients in the tank to produce wine, and at least partially pressing the wine in the fermentation tank to separate the wine from solids.

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