

8

ABSTRACT

The disclosure describes a process for producing alkadienols comprising the steps of: reacting a conjugated alkadiene with water in a reaction solvent in the presence of a palladium catalyst; distilling the obtained reaction mixture so as to separate the reaction solvent from the reaction mixture while directly supplying heated water, steam or a mixture thereof as a heating medium to a distillation column, under the condition that the temperature of a bottom liquid in the distillation column is not higher than 120°C; and phase-separating bottoms discharged from the bottom of the distillation column.

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