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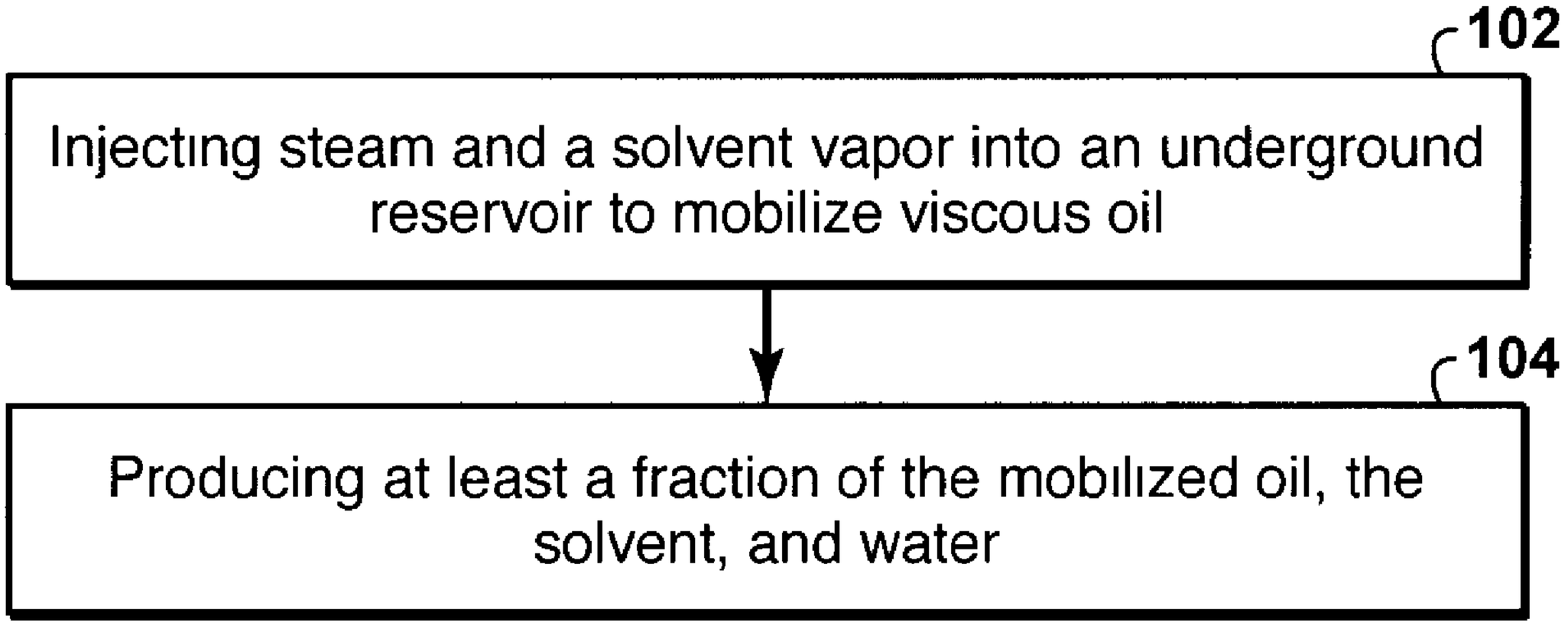
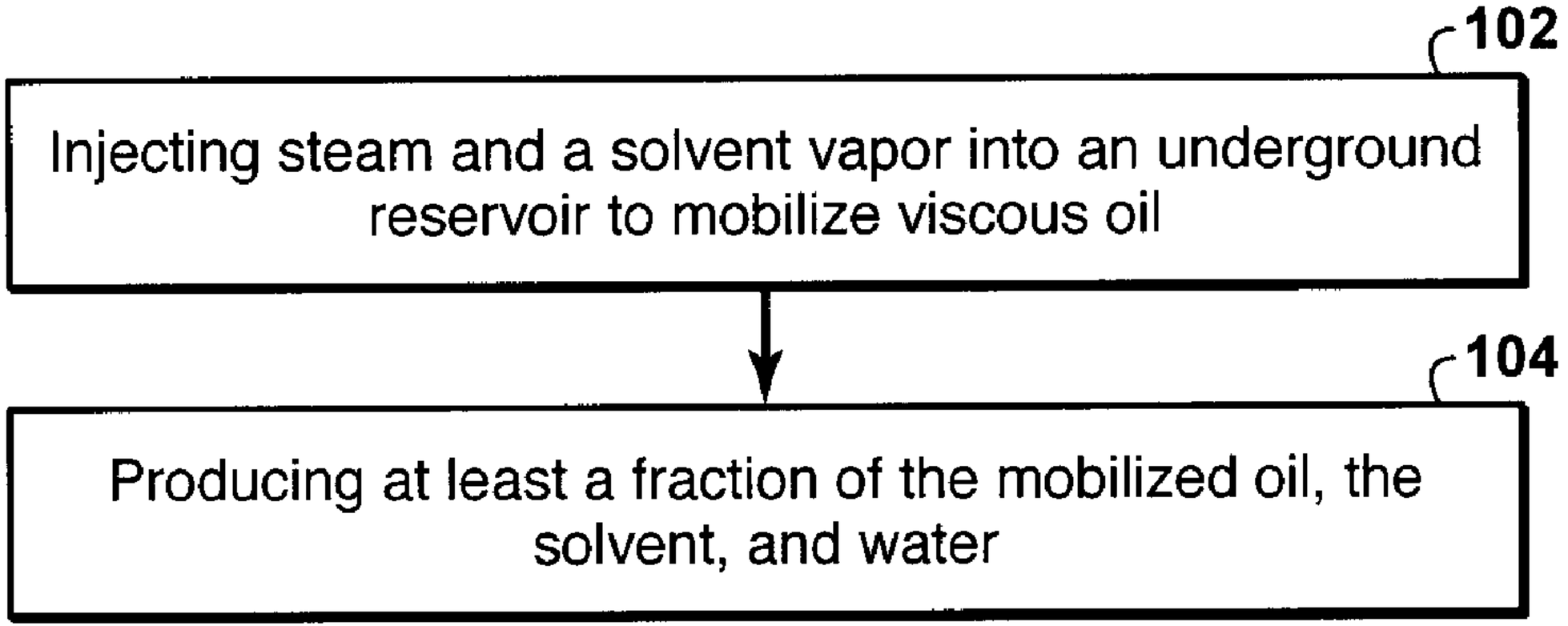
(54) **Titre : PROCEDE DE DRAINAGE PAR GRAVITE SERVANT A RECUPERER LE PETROLE VISQUEUX AU MOYEN D'INJECTION PROCHE AZEOTROPIQUE**

(54) **Title: GRAVITY DRAINAGE PROCESS FOR RECOVERING VISCOUS OIL USING NEAR-AZEOTROPIC INJECTION**



(57) **Abrégé/Abstract:**
Generally, described herein is a gravity drainage process for recovering viscous oil from an underground reservoir, the process comprising: (a) injecting steam and a solvent into the reservoir to mobilize the viscous oil, wherein the solvent is in a vapor state, and the steam and solvent are injected wherein the solvent molar fraction of the combined steam and solvent is 70-100% of the azeotropic solvent molar fraction of the steam and the solvent as measured at the reservoir operating pressure; and (b) producing at least a fraction of the mobilized oil, the solvent, and water.


102
Injecting steam and a solvent vapor into an underground reservoir to mobilize viscous oil
104
Producing at least a fraction of the mobilized oil, the solvent, and water