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(54) **METHOD FOR INTENSIFICATION OF HIGH-VISCOSITY OIL PRODUCTION AND APPARATUS FOR ITS IMPLEMENTATION**

VERFAHREN ZUR INTENSIVIERUNG DER PRODUKTION VON HOCHVISKOSEM ÖL UND VORRICHTUNG ZU DESSEN DURCHFÜHRUNG

PROCEDE D'INTENSIFICATION DE PRODUCTION DE PETROLE A VISCOSITE ELEVEE ET APPAREIL DESTINE A SON INSTALLATION

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(56) References cited:
US-A- 4 558 737 **US-A- 4 790 375**
US-B1- 6 186 228 **US-B1- 6 230 799**

- **DATABASE WPI Section Ch, Week 200112 Derwent Publications Ltd., London, GB; Class H01, AN 2001-111153 XP002329520 & RU 2 157 883 C2 (UNIV MOSC TECH ENG PHYS INST) 20 October 2000 (2000-10-20)**

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