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**(54) Title (EN):** METHOD FOR PRODUCING OLEFIN POLYMER

**(54) Title (FR):** PROCÉDÉ DE PRODUCTION D'UN POLYMÈRE OLÉFINIQUE

**(54) Title (JA):** オレフィン重合体の製造方法

**(57) Abstract:**

**(EN):** This method for producing an olefin polymer produces an olefin polymer by polymerizing at least one type of #-olefin having 6-20 carbon atoms in the presence of a metallocene catalyst, and by means of diluting the polymerization reaction liquid with a solvent before or at the same time as the deactivation of the catalyst, the liquid viscosity of the polymerization reaction liquid at the time of deactivation is lowered to no greater than 10 mPa·s, and the deactivation deashing of the catalyst is promoted.

**(FR):** Procédé permettant de produire un polymère oléfinique par polymérisation d'au moins un type d'oléfine ayant de 6 à 20 atomes de carbone en présence d'un catalyseur de métallocène, et grâce à la dilution du liquide réactionnel de polymérisation avec un solvant avant ou simultanément à la désactivation du catalyseur, la viscosité du liquide réactionnel de polymérisation au moment de la désactivation est abaissée à une valeur égale ou inférieure à 10 mPa·s, et le décentrage par désactivation du catalyseur est favorisé.

**(JA):** メタロセン触媒存在下、1種以上の炭素数6～20の $\alpha$ -オレフィンを重合してオレフィン重合体を製造し、前記触媒の失活前又は失活と同時に、溶媒で重合反応液を希釈することにより、失活時の重合反応液の液粘度を10 mPa·s以下に低下させ、触媒の失活脱灰を促進するオレフィン重合体の製造方法。

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