

Title (en)

METHOD FOR PRODUCING HYDROCARBON RESINS AND HYDROGENATION PRODUCTS THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KOHLENWASSERSTOFFHARZEN UND DEREN HYDRIERUNGSPRODUKTE

Title (fr)

PROCÉDÉ DE PRÉPARATION DE RÉSINES HYDROCARBONÉES ET DE LEURS PRODUITS D'HYDROGÉNATION

Publication

**EP 3752542 A1 20201223 (DE)**

Application

**EP 19703754 A 20190214**

Priority

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- EP 2019053652 W 20190214

Abstract (en)

[origin: WO2019158638A1] The invention relates to a method for producing a hydrocarbon resin from at least one cyclic diolefin component and at least one ethylenically unsaturated aromatic component having 8 to 13 carbon atoms, in which method the monomer mixture is heated at a heating rate of 0.5 to 10°C/second to a polymerisation temperature of at least 180°C in order to obtain a hydrocarbon resin having a reduced proportion of by-products, the monomer mixture being substantially single-phase and liquid during the heating to at least 180°C and during the polymerisation, and the subsequently hydrogenated hydrocarbon resin exhibiting good compatibility with other constituents of hot-melt adhesives.

IPC 8 full level

**C08F 212/06** (2006.01); **C08F 2/01** (2006.01); **C08F 2/06** (2006.01); **C08F 8/04** (2006.01); **C08F 232/06** (2006.01); **C09J 11/08** (2006.01); **C09J 125/08** (2006.01); **C09J 145/00** (2006.01)

CPC (source: EP KR US)

**C08F 2/001** (2013.01 - EP KR); **C08F 2/01** (2013.01 - EP KR); **C08F 8/04** (2013.01 - EP KR); **C08F 212/06** (2013.01 - EP KR); **C08F 212/08** (2013.01 - EP KR US); **C08F 232/06** (2013.01 - EP KR US); **C09J 125/06** (2013.01 - KR); **C09J 125/08** (2013.01 - EP KR US); **C09J 145/00** (2013.01 - EP KR US); **C08F 8/04** (2013.01 - US); **C08F 2500/02** (2013.01 - US); **C08F 2500/22** (2013.01 - US)

C-Set (source: EP)

1. **C08F 212/08 + C08F 232/06**
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5. **C08F 212/06 + C08F 2/06**
6. **C08F 212/06 + C08F 2/001**
7. **C08F 212/06 + C08F 2/01**
8. **C08F 212/08 + C08F 2/01**
9. **C08F 212/08 + C08F 2/001**
10. **C08F 212/08 + C08F 2/06**
11. **C08F 8/04 + C08F 212/06**
12. **C08F 8/04 + C08F 212/08**
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Designated extension state (EPC)

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