Title (en)

HYDROPHOBIC, FUNCTIONALISED PARTICLES

Title (de)

HYDROPHOBE, FUNKTIONALISIERTE PARTIKEL

Title (fr)

PARTICULES HYDROPHOBES FONCTIONNALISÉES

Publication

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Application

**EP 12715353 A 20120411**

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Abstract (en)

[origin: WO2012140065A1] The invention relates to a stable mixture containing surface-modified particles which are obtained by reacting metal or semimetal oxide particles with at least one compound selected from silicon-containing compounds which have at least one metal oxy radical and optionally further alkoxy and/or hydroxy radical(s), and at least one solvent, at least one surface-active substance or a mixture thereof, to a method for producing same, to the use of said particles in systems in which they are brought into contact with at least one solvent, wherein the mass ratio of solvent to modified particles is greater than 500, and to the use of said particles in agglomeration/deagglomeration cycles.

IPC 8 full level

**C09C 1/22** (2006.01); **C09C 1/24** (2006.01); **C09C 3/12** (2006.01)

CPC (source: EP KR)

**C09C 1/22** (2013.01 - EP KR); **C09C 1/24** (2013.01 - EP KR); **C09C 3/006** (2013.01 - EP); **C09C 3/08** (2013.01 - EP); **C09C 3/12** (2013.01 - EP KR); C01P 2004/61 (2013.01 - EP); C01P 2004/62 (2013.01 - EP)

Citation (search report)

See references of WO 2012140065A1

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**WO 2012140065 A1 20121018**; AR 085994 A1 20131113; AU 2012241937 A1 20131107; AU 2012241937 B2 20150618; BR 112013024090 A2 20161206; CA 2832814 A1 20121018; CA 2832814 C 20190402; CL 2013002966 A1 20140516; CN 103459517 A 20131218; CN 103459517 B 20150805; EA 201391493 A1 20140430; EP 2697314 A1 20140219; EP 2886611 A1 20150624; EP 2886611 B1 20201118; JP 2014520053 A 20140821; KR 20140039178 A 20140401; MX 2013011857 A 20131101; MX 344908 B 20170111; PE 20141988 A1 20141224; ZA 201308412 B 20150826

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