

Title (en)
Combination coating for wood

Title (de)
Kombinationsbeschichtung für Holz

Title (fr)
Revêtement de combinaison pour bois

Publication
EP 2208544 B1 20111026 (DE)

Application
EP 09150512 A 20090114

Priority
EP 09150512 A 20090114

Abstract (en)
[origin: EP2208544A1] A compound coating comprises an alkyd resin undercoat formed by applying alkyd resin coating material (a1) to wood and allowing it to dry; and siliceous coating formed by applying siliceous coating material (b1) on top of the resin undercoat. The material (a1) comprises long oil alkyd resin having oil length of at least 60% and oil iodine number of ≥ 100 ; mineral component (a2) and solvent. The material (b1) comprises water glass or mixture of silica sol and water glass, where molar ratio of silica to alkali oxide is 5-30 mol of silica/mol of alkali oxide; and mineral component (b2). Independent claims are included for the following: (1) preparing the compound coating involving priming the wood by applying and allowing to dry at least one layer of the alkyd resin coating material (a1), and applying and allowing to dry at least one layer of the siliceous coating material (b1) on top of the undercoat; and (2) a compound coating kit comprising the alkyd resin coating material (a1) and the siliceous coating material (b1), where the coating materials are spatially separated.

IPC 8 full level
B05D 7/08 (2006.01)

CPC (source: EP US)
B05D 7/08 (2013.01 - EP US); **B05D 7/536** (2013.01 - EP US); **B05D 2203/20** (2013.01 - EP US); **B05D 2502/00** (2013.01 - EP US); **B05D 2508/00** (2013.01 - EP US); **B05D 2601/00** (2013.01 - EP US); **Y10T 428/31663** (2015.04 - EP US)

Cited by
EP2998367A1; RU2698751C2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2208544 A1 20100721; **EP 2208544 B1 20111026**; AT E530262 T1 20111115; CA 2690282 A1 20100714; DK 2208544 T3 20120109; ES 2375597 T3 20120302; PL 2208544 T3 20120330; PT 2208544 E 20111117; US 2010178519 A1 20100715

DOCDB simple family (application)
EP 09150512 A 20090114; AT 09150512 T 20090114; CA 2690282 A 20100114; DK 09150512 T 20090114; ES 09150512 T 20090114; PL 09150512 T 20090114; PT 09150512 T 20090114; US 68720310 A 20100114