

Title (en)
Coated telescopic pull out rail

Title (de)
Beschichtete Teleskopschiene

Title (fr)
Rail télescopique recouvert d'un revêtement

Publication
EP 1607685 B1 20070829 (DE)

Application
EP 05104938 A 20050607

Priority
DE 102004027717 A 20040607

Abstract (en)
[origin: EP1607685A1] The retractable removal shelf system for cooked food in ovens has retractable rails made of structural or refined steel and with at least in part are coated with a PTFE (Polytetrafluorethylene) based coated. A base coat is applied at least to the parts made of structural steel. These parts and those made of refined steel are given a temperature treatment of over 300[deg] for at least 10 min. The surface keeps a roughness of at least 2um. One or more coats of PTFE solution are applied. The treated parts are heated at a temperature of 300[deg] to 450[deg] C.

IPC 8 full level
F24C 15/16 (2006.01); **B05D 5/08** (2006.01); **C23C 2/26** (2006.01); **C23C 4/02** (2006.01); **C23C 28/00** (2006.01); **F16C 29/00** (2006.01); **F16C 33/12** (2006.01)

CPC (source: EP)
B05D 5/083 (2013.01); **C23C 28/00** (2013.01); **C23C 28/021** (2013.01); **F24C 15/168** (2013.01)

Cited by
WO2011032982A1; DE102011001754A1; CN102498346A; KR20120083417A; EP2787285A1; EP3081864A1; US9693626B2; DE202008014790U1; US9107500B2; US9161626B2; WO2011121121A3; DE102009003741A1; WO2010112592A1; DE102011001744A1; WO2011121121A2; DE102009044011A1; US8695197B2

Designated contracting state (EPC)
DE FR IT

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