

Title (en)
Wire spraying apparatus

Title (de)
Drahtspritzanlage

Title (fr)
Appareillage de pulvérisation à fil

Publication
EP 0493695 B1 19961204 (DE)

Application
EP 91120746 A 19911203

Priority
DE 4042276 A 19901231

Abstract (en)
[origin: EP0493695A2] An apparatus for producing coatings to protect against wear and corrosion by thermal spraying using a nozzle and wires which are processed at a distance from a wire spraying system has a nozzle system about the nozzle which atomises a molten metal drop for injecting hard-material particles and hard-phase particles into the spray jet without melting-on or remelting and the wire is provided so as to be drivable. In addition, the wire is to be assigned a wire driving unit at distances of 2 to 10 m from the wire spraying system, said unit driving the wire and operating according to the push-pull principle.

IPC 1-7
C23C 4/12; C23C 4/06; B05D 7/18

IPC 8 full level
C23C 4/131 (2016.01)

CPC (source: EP)
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Cited by
EP1967601A3

Designated contracting state (EPC)
AT FR GB IT

DOCDB simple family (publication)
EP 0493695 A2 19920708; EP 0493695 A3 19930107; EP 0493695 B1 19961204; AT E145943 T1 19961215; BR 9105326 A 19920825; DE 4042276 A1 19920702

DOCDB simple family (application)
EP 91120746 A 19911203; AT 91120746 T 19920101; BR 9105326 A 19911203; DE 4042276 A 19901231