

Title (en)
SHIELD-TUNNELLING MACHINE

Publication
EP 0219486 B1 19891129 (DE)

Application
EP 86890246 A 19860903

Priority
AT 297285 A 19851014

Abstract (en)
[origin: US4805963A] A shield advancing machine, comprising cutting tools (15) rotatably supported on cantilever arms (13, 14) being rotatable around an axis approximately extending in advancing direction and being swivellable in transverse direction to this axis, has a carrier (4) which is guided and supported in axial direction of the shield (1). A rotation drive (22, 33) for a rest (9) of the cantilever arms (13, 14) is provided on the carrier (4), and the cantilever arms (13, 14) as well as their swivel drive (16, 17) are linked to the rest (9).

IPC 1-7
E21D 9/08

IPC 8 full level
E21D 9/08 (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP US)
E21D 9/0875 (2016.01 - EP US); **E21D 9/1026** (2013.01 - EP US)

Cited by
CN105019912A; WO9604465A1; WO9603570A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0219486 A1 19870422; EP 0219486 B1 19891129; AT 384274 B 19871027; AT A297285 A 19870315; DE 3667195 D1 19900104; US 4805963 A 19890221

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EP 86890246 A 19860903; AT 297285 A 19851014; DE 3667195 T 19860903; US 91416286 A 19861001