

Title (en)
PARTIAL-CUT DRIVING MACHINE

Publication
EP 0026439 A3 19810520 (DE)

Application
EP 80105723 A 19800924

Priority
DE 2939087 A 19790927

Abstract (en)
[origin: EP0026439A2] To increase the cutting capacity of a partial-cut driving machine, the cutting head (2) is divided into an outer roller (3) and a longitudinally displaceable inner roller (4) concentrically guided in this outer roller (3). At the end face and at the periphery, the inner roller (4) is fitted with shank bits (9) and serves to produce a pilot bore which is widened to the diameter of the outer roller (3). The inner roller (4) is then retracted into the outer roller (3) and the roadway cross-section is now cut exclusively with the outer roller (3). Since the outer roller (3) cuts only at its periphery, it can be fitted with roller bits (5). Compared with shank bits (9), roller bits (5) permit substantially higher cutting capacities and have a significantly longer service life. <IMAGE>

IPC 1-7
E21D 9/10

IPC 8 full level
E21C 27/24 (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP)
E21C 27/24 (2013.01); **E21D 9/1033** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
BE FR GB

DOCDB simple family (publication)
EP 0026439 A2 19810408; EP 0026439 A3 19810520; DE 2939087 A1 19810402; DE 2939087 C2 19820218

DOCDB simple family (application)
EP 80105723 A 19800924; DE 2939087 A 19790927