Title (en)
Industrial sewing machine for simultaneously making different seaming patterns.

Title (de)
Industrie-Nähmaschine, die gleichzeitig verschiedene Nähte ausführen kann.

Title (fr)
Machine à coudre industrielle permettant l'exécution simultanée de différentes coutures.

Publication
EP 0494052 A1 19920708 (EN)

Application
EP 91830538 A 19911206

Priority
IT 2257190 A 19901228

Abstract (en)
An industrial sewing machine comprises at least two driven shafts (4,5) which are rotatively driven in a timed manner, on one of these shafts (4) being keyed cam members (8,16,44,51) for reciprocately driving in a horizontal plane one or more needle bars (13), as well as grippers for feeding with fabric operating hook elements, the other driven shaft (5) operating a vertically displaceable needle bar (69) arranged downstream of the first mentioned needle bars, the spacing of the needle bars being so designed that the needles (15) supported thereby can make simultaneously rectilinear, curved and broken seaming lines. <IMAGE>

IPC 1-7
D05B 1/22; D05B 73/00

IPC 8 full level
D05B 1/08 (2006.01); **D05B 1/10** (2006.01); **D05B 1/12** (2006.01); **D05B 1/20** (2006.01); **D05B 1/22** (2006.01); **D05B 27/00** (2006.01); **D05B 35/02** (2006.01); **D05B 73/00** (2006.01); D05B 73/12 (2006.01)

CPC (source: EP KR)
D05B 1/00 (2013.01 - KR); **D05B 1/22** (2013.01 - EP); **D05B 35/02** (2013.01 - EP); **D05B 73/00** (2013.01 - EP); D05B 73/12 (2013.01 - EP)

Citation (search report)
[X] EP 0353208 A1 19900131 - MACPI SPA [IT]

Cited by
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AT CH DE ES FR GB GR LI NL

DOCDB simple family (publication)
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EP 91830538 A 19911206; AT 91830538 T 19911206; DE 69120238 T 19911206; ES 91830538 T 19911206; IT 2257190 A 19901228; JP 33920891 A 19911224; KR 910022522 A 19911210; TW 81104532 A 19920610