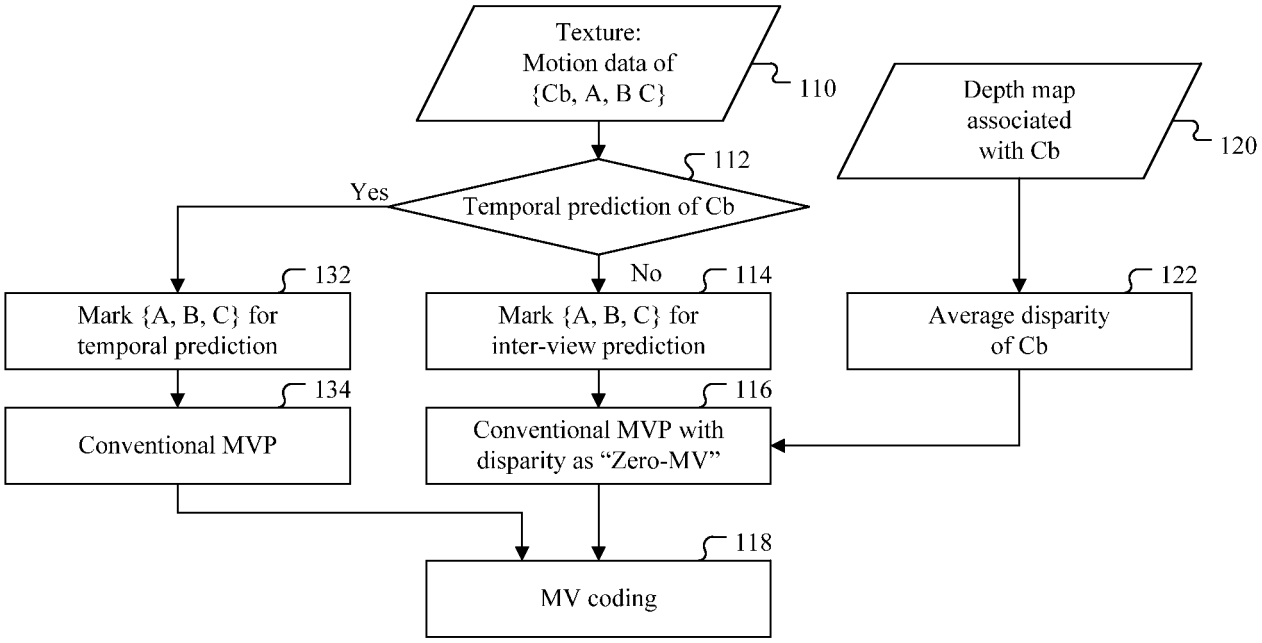
Texture:
Motion data of
{Cb, A, B C}
110
Depth map
associated
with Cb
120
112
Yes
Temporal prediction of Cb
No
132
Mark {A, B, C} for
temporal prediction
114
Mark {A, B, C} for
inter-view prediction
122
Average disparity
of Cb
134
Conventional MVP
116
Conventional MVP with
disparity as "Zero-MV"
118
MV coding

Fig. 1A

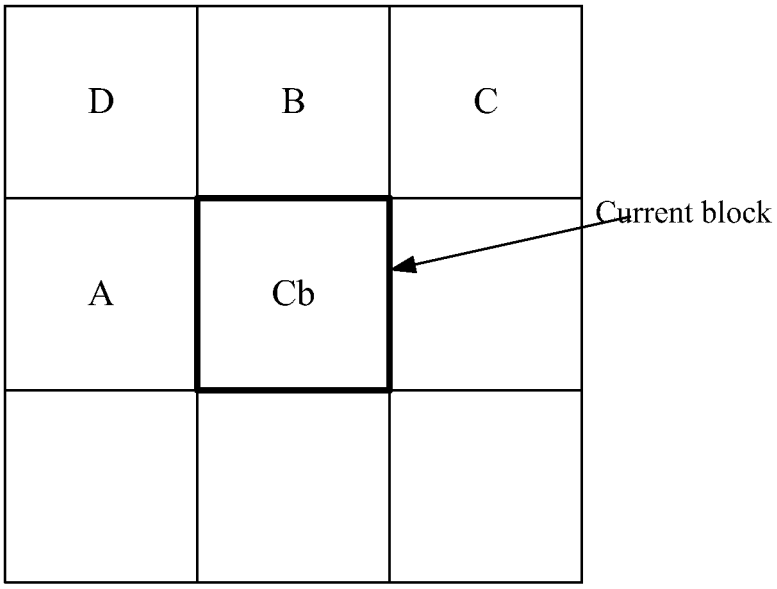
D
B
C
A
Cb
Current block

Fig. 1B

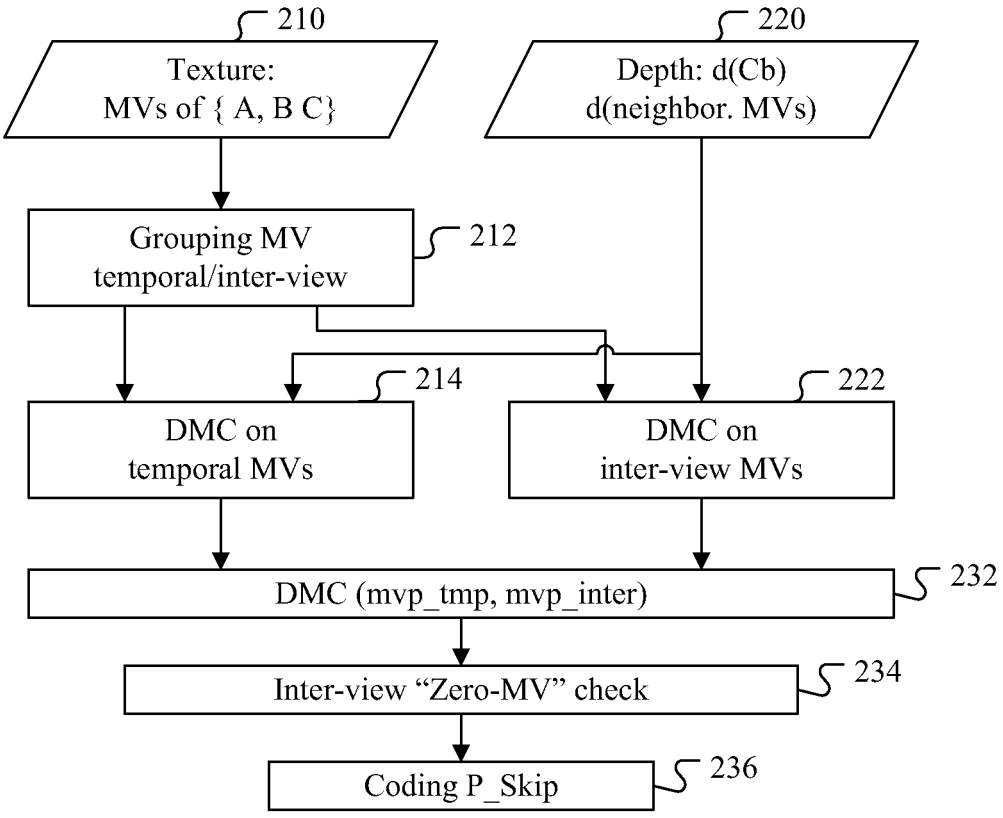
210
Texture:
MVs of { A, B C}
220
Depth: d(Cb)
d(neighbor. MVs)
Grouping MV
temporal/inter-view
212
214
DMC on
temporal MVs
222
DMC on
inter-view MVs
DMC (mvp_tmp, mvp_inter)
232
Inter-view "Zero-MV" check
234
Coding P_Skip
236

Fig. 2A

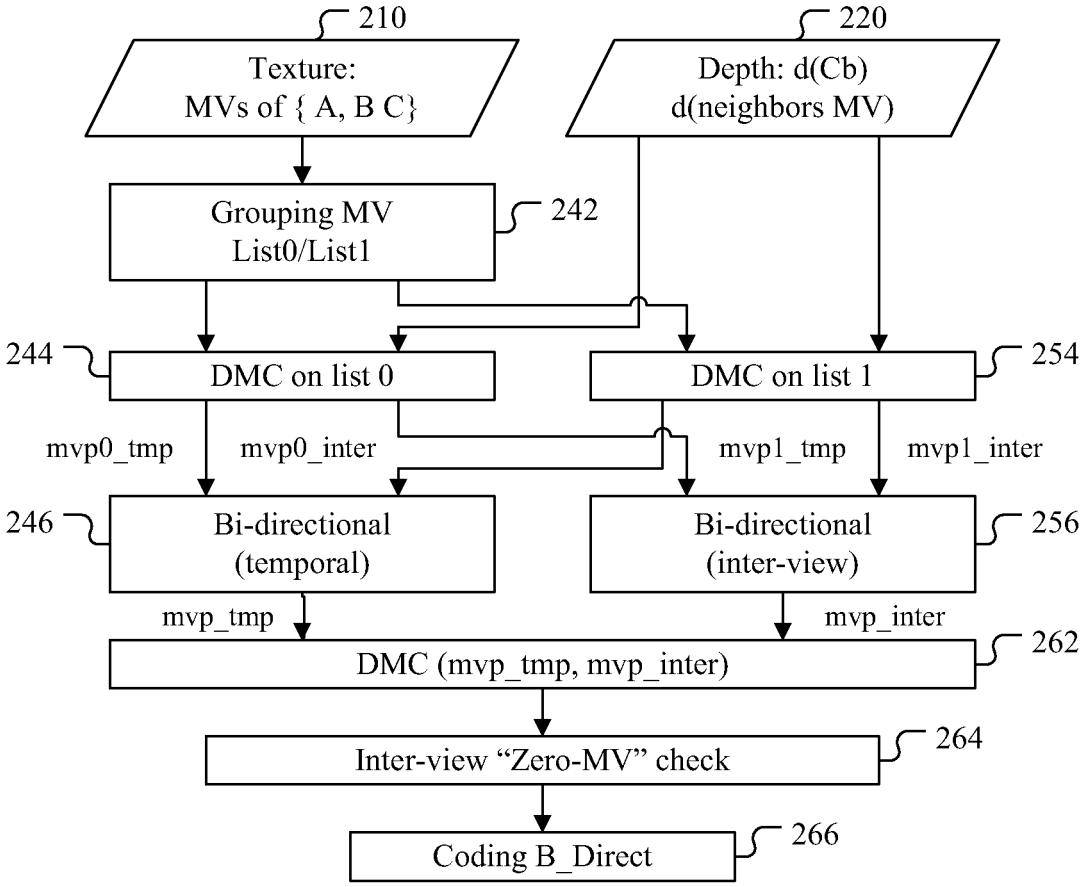
210
Texture:
MVs of { A, B C}
220
Depth: d(Cb)
d(neighbors MV)
Grouping MV
List0/List1
242
244
DMC on list 0
DMC on list 1
254
mvp0_tmp
mvp0_inter
mvp1_tmp
mvp1_inter
246
Bi-directional
(temporal)
Bi-directional
(inter-view)
256
mvp_tmp
mvp_inter
DMC (mvp_tmp, mvp_inter)
262
Inter-view “Zero-MV” check
264
Coding B_Direct
266

Fig. 2B

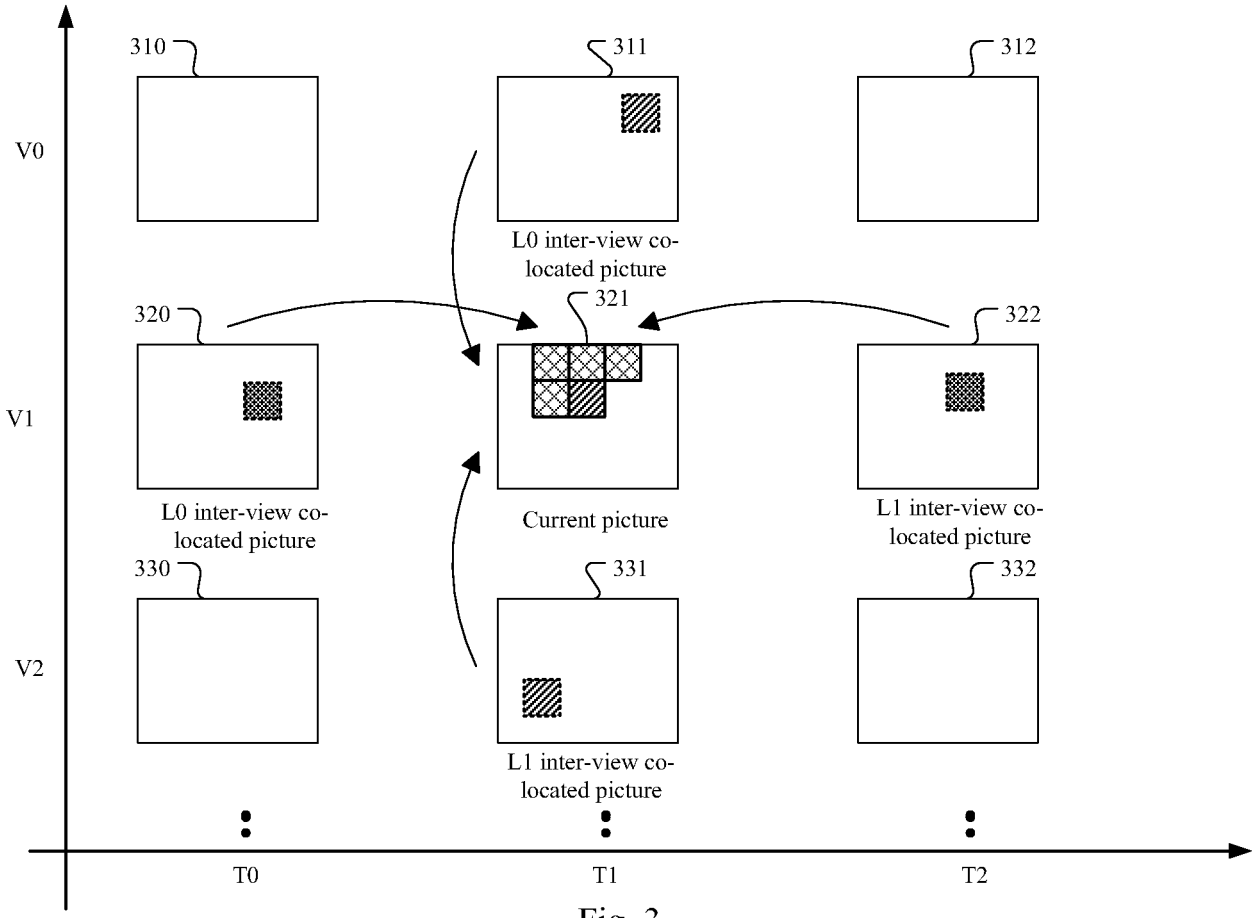
V0
V1
V2
310
311
312
320
321
322
330
331
332
L0 inter-view co-located picture
Current picture
L1 inter-view co-located picture
L0 inter-view co-located picture
L1 inter-view co-located picture
T0
T1
T2

Fig. 3

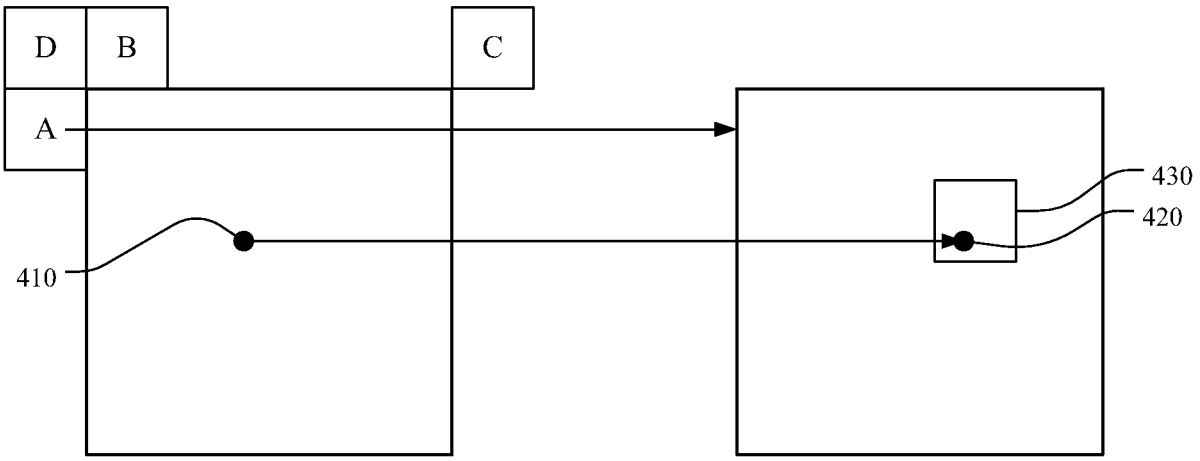
D
B
C
A
410
430
420

Fig. 4