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LZip $\zeta_s$ _List@E [L_, Q_, P_] :=
  PP_LZip@Module[{ $\zeta$ , z, zs, c, ys,  $\eta$ s, lt, zrule, Zrule,
     $\zeta$ rule, Q1, EEQ, EQ},
    zs = Table[ $\zeta^*$ , { $\zeta$ ,  $\zeta$ s}];
    c = L /. Alternatives @@ ( $\zeta$ s  $\cup$  zs)  $\rightarrow$  0;
    ys = Table[ $\partial_{\zeta}$ (L /. Alternatives @@ zs  $\rightarrow$  0), { $\zeta$ ,  $\zeta$ s}];
     $\eta$ s = Table[ $\partial_z$ (L /. Alternatives @@  $\zeta$ s  $\rightarrow$  0), {z, zs}];
    lt = Inverse@Table[K $\delta_{z, \zeta^*}$  -  $\partial_{z, \zeta}$ L, { $\zeta$ ,  $\zeta$ s}, {z, zs}];
    zrule = Thread[zs  $\rightarrow$  lt.(zs + ys)];
    Zrule =
      zrule /.
        r_Rule  $\Rightarrow$  ((U = r[[1]] /. {b  $\rightarrow$  B, t  $\rightarrow$  T,  $\alpha$   $\rightarrow$   $\mathcal{A}$ })  $\rightarrow$ 
          (U /. U21 /. r //. 12U)); (* not used *)
     $\zeta$ rule = Thread[ $\zeta$ s  $\rightarrow$   $\zeta$ s +  $\eta$ s.lt];
    Q1 = Q /. U21 /. (zrule  $\cup$   $\zeta$ rule);
    EEQ[ps___] :=
      EEQ[ps] =
        PP"EEQ"@
          (CF[e-Q1 D[eQ1, Sequence @@ Thread[{zs, {ps}}]]] /.
            Alternatives @@ zs  $\rightarrow$  0 //. 12U);
    CF /@ ((*CF/@*)E[
      c +  $\eta$ s.lt.yz, Q1 /. Alternatives @@ zs  $\rightarrow$  0,
      Det[lt]
      (Zip $\zeta_s$ [(EQ @@ zs) (P /. U21 /. (zrule  $\cup$   $\zeta$ rule))] /.
        Derivative[ps___][EQ][___]  $\Rightarrow$  EEQ[ps] /.
          _EQ  $\rightarrow$  1)
      ] //. 12U)
  ];

```