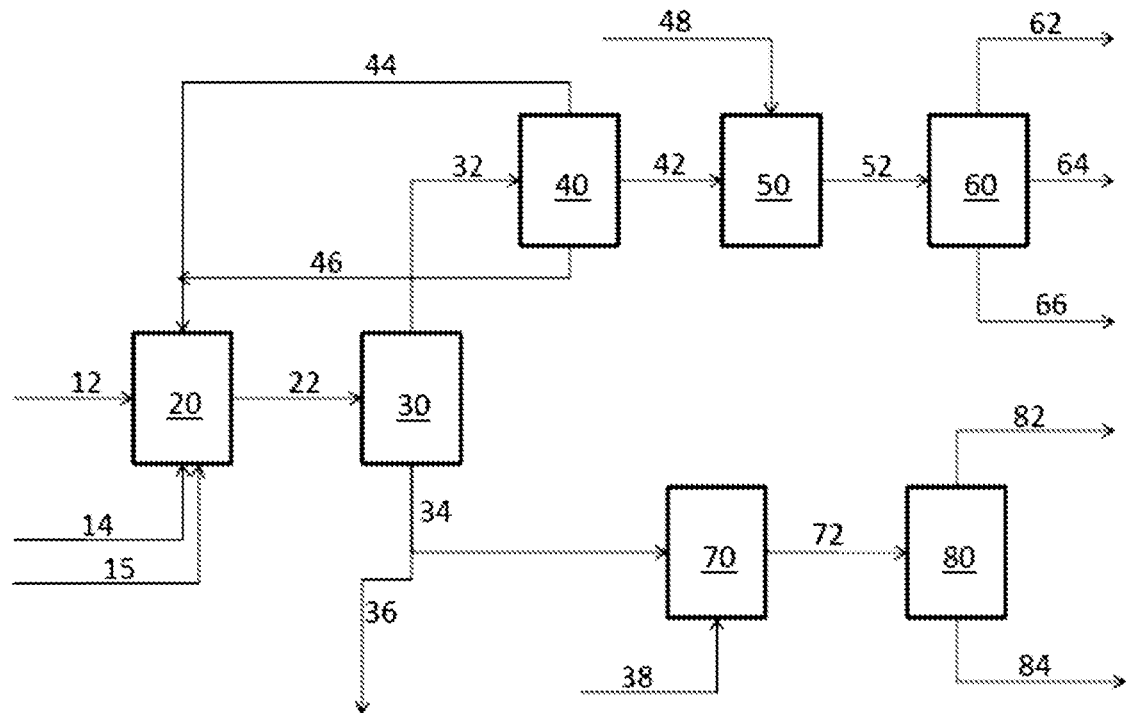


1/9

FIGURE 1



2/9

FIGURE 2

200



201 Providing a Reactant Composition Comprising a Terminal Olefin Ester
and an Internal Olefin Ester



202 Reacting the Internal Olefin Ester with the Terminal Olefin Ester to Form
an Unsaturated Dibasic Ester

3/9

FIGURE 3

300



301 Reacting a Terminal Olefin Ester with an Internal Olefin to Form an Internal Olefin Ester



302 Reacting the Internal Olefin Ester with the Terminal Olefin Ester to Form an Unsaturated Dibasic Ester

4/9

FIGURE 4

400



401 Reacting an Internal Olefin Ester with a Terminal Olefin to Form a
Terminal Olefin Ester



402 Reacting the Internal Olefin Ester with the Terminal Olefin Ester to Form
an Unsaturated Dibasic Ester

5/9

FIGURE 5

500



501 Making an Unsaturated Dibasic Ester



502 Hydrogenating the Unsaturated Dibasic Ester

6/9

FIGURE 6

600



601 Making a Dibasic Ester

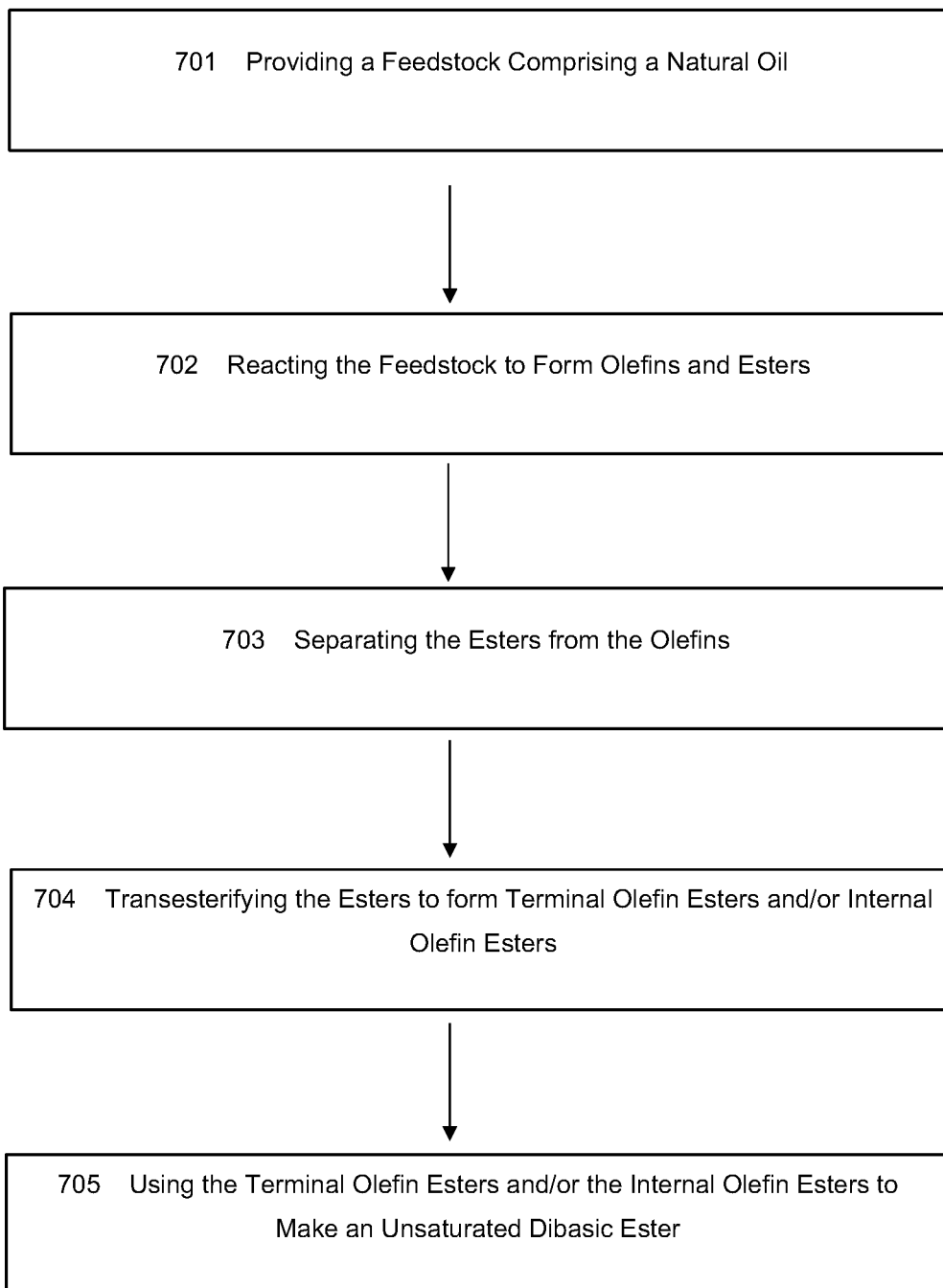


602 Converting the Dibasic Ester to a Dibasic Acid

7/9

FIGURE 7

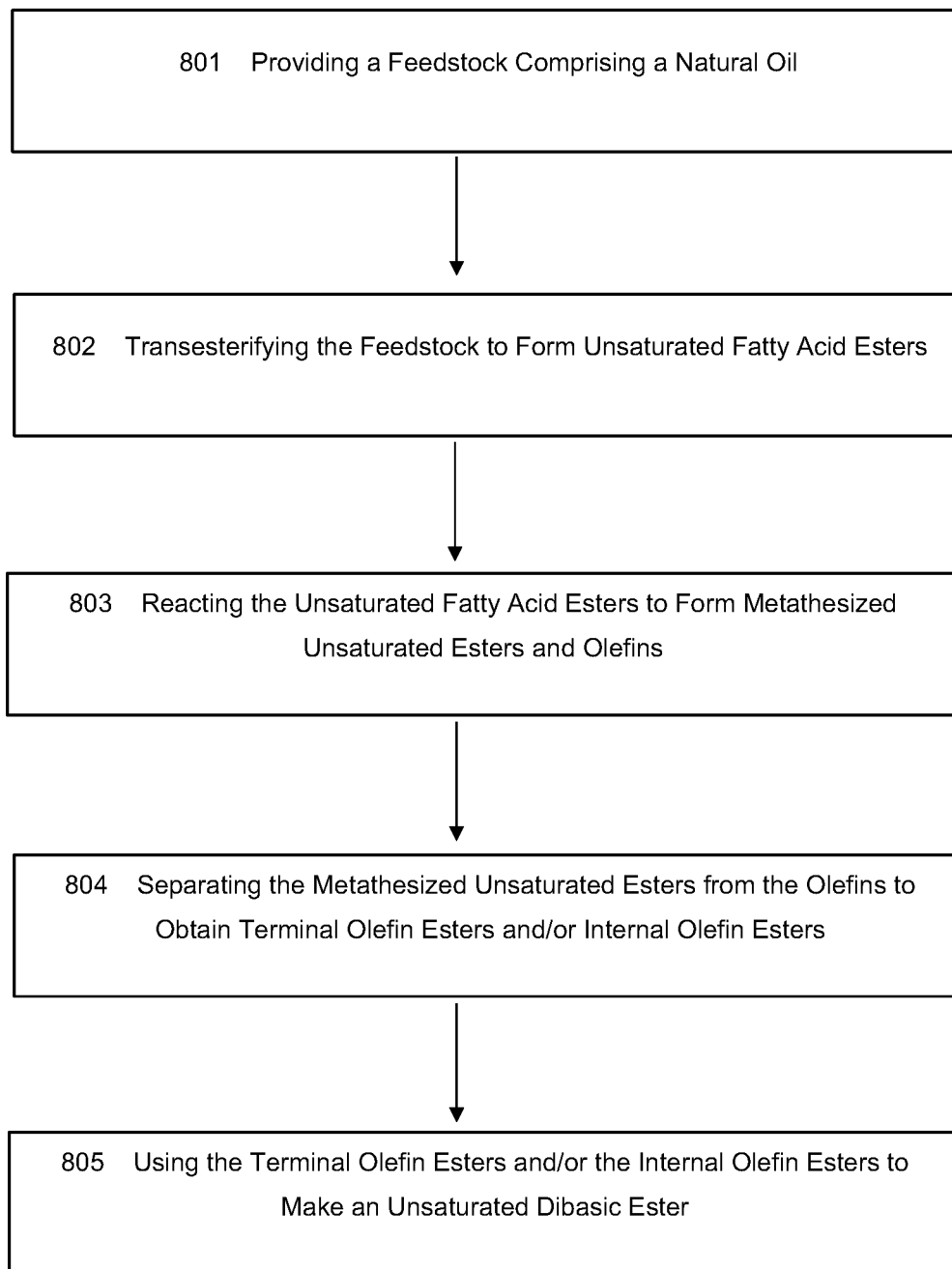
700



8/9

FIGURE 8

800



9/9

FIGURE 9

